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North Carolina VITAL STATISTICS Volume 2-1995



Department of
Environment, Health,
and Natural
Resources

State Center for
Health Statistics



LEADING CAUSES OF DEATH

Publications of the State Center for Health Statistics

North Carolina Health Statistics Pocket Guide (Biennial):

Data for the U.S., N.C., and N.C. counties are presented in tabular and narrative forms with more than 8,000 calculations depicting patterns of various needs indicators, as well as births, deaths, abortions, diseases, health care resources, and other data from state and national reporting systems and surveys. This composite of information, contained in a compact foldout, will serve the needs of many health data users.

North Carolina Vital Statistics, Volume 1: Population, Births, Deaths, Marriages, Divorces (Annual):

For the state and each Department of Environment, Health, and Natural Resources (DEHNR) region, Perinatal Care Region (PCR), county, and major incorporated city, one-page tables summarize annual and 5-year data by race and selected variables. Maps, graphs, and narrative describe geographical patterns and statewide trends.

North Carolina Vital Statistics, Volume 2: Leading Causes of Death (Annual):

For the state, DEHNR regions, and counties, cause-specific annual and 5-year data are given in the form of numbers of deaths, unadjusted death rates, and age-race-sex-adjusted death rates. For each cause, maps depict 5-year adjusted and unadjusted county rates. Infant mortality data are also tabulated and mapped.

Basic Automated Birth Yearbook, North Carolina Residents (Annual):

Known as the BABY BOOK, this statewide report is comprised of multiple cross-tabulations of various maternal and infant variables such as age, race, birth order, birth weight, and number of prenatal visits as well as medical conditions of the mother, the labor/delivery, and the newborn. Data for DEHNR regions and counties are available on microfiche.

Detailed Mortality Statistics, North Carolina Residents (Annual):

This statewide report provides annual counts of deaths specific for detailed underlying cause of death (4 digits) and age-race-sex group. Data for counties are available on microfiche.

North Carolina Reported Pregnancies (Annual):

For the state, DEHNR regions, PCRs, and counties, annual estimates of pregnancy rates, live birth rates, abortion rates, and abortion fractions by age and race are followed by one-page tables displaying counts of pregnancies (abortions, live births, and fetal deaths) by race and age for total and unmarried women. Maps, graphs, and narrative describe geographical patterns and statewide trends.

Cancer Incidence in North Carolina, County-Specific Numbers (Annual):

Observed and expected numbers of newly diagnosed cancer cases for 26 cancer sites and total cancer are provided by county and gender. State and county tabulations of cases by race-sex and age are also provided.

Cancer in North Carolina, Detailed Analyses (Intermittent):

This report provides an in-depth assessment of cancer incidence and mortality patterns. Comparisons featured are by anatomic site, stage at diagnosis, age, race, sex, and geographic area. Data are in tabular, graphic, and narrative forms.

North Carolina Cancer Facts and Figures (Biennial):

This collaborative report with the American Cancer Society is prepared specifically for use by the public. It contains tabular, graphic, and narrative materials regarding cancer in North Carolina. Information about cancer control activities and agencies in the state is also given.

Local Health Department Facility and Staffing Report (Biennial):

Facility-level data are compiled from health department surveys. Capacity of facilities, staffing levels, and expenditure data are provided.

SCHS Studies (Intermittent):

Studies on health topics of current interest are presented in newsletter form.

SCHS Primer (Intermittent):

Short tutorials on statistical methods are presented in newsletter form.

An Inventory of North Carolina Health Data (Intermittent):

This publication describes by subject-matter health data sets existing in public and nonpublic agencies. Included in the description are the data set's location, the data collection interval, the smallest unit of analysis, whether computerized, and the name of a contact person.

North Carolina Chartbook on Population and Health (Intermittent):

This book provides graphs and charts depicting the characteristics of North Carolina's population, health care resources, health care, and health status.

LEADING CAUSES OF DEATH

North Carolina Vital Statistics 1995-Volume 2

**North Carolina Department of
Environment, Health, and Natural Resources
State Center for Health Statistics**

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TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION.....	1
NORTH CAROLINA'S LEADING CAUSES OF DEATH.....	5
STATE, REGION AND COUNTY MORTALITY TABLES AND FIGURES FOR 1991-95	
Mortality Statistics Summary	13
Sex-Specific Mortality Statistics Summary.....	13
General Mortality.....	15
Diseases of the Heart	19
Cerebrovascular Disease	23
Atherosclerosis	27
Cancer.....	31
Cancer of Colon, Rectum, and Anus	35
Cancer of Trachea, Bronchus, and Lung.....	39
Cancer of Female Breast.....	43
Cancer of Prostate.....	47
Acquired Immune Deficiency Syndrome	51
Septicemia	55
Diabetes Mellitus	59
Pneumonia and Influenza	63
Chronic Obstructive Pulmonary Disease.....	67
Chronic Liver Disease and Cirrhosis.....	71
Nephritis, Nephrotic Syndrome, and Nephrosis	75
Unintentional Motor Vehicle Injuries	79
All Other Unintentional Injuries	83
Suicide	87
Homicide.....	91
Infant Death.....	95
TECHNICAL NOTES	
Computation of Death Rates	101
Interpretation of Death Rates.....	102
Caution About Use of Rates	103
APPENDICES	
APPENDIX A—List of Selected Causes of Death.....	107
APPENDIX B—List of 43 Selected Causes of Death	108
APPENDIX C—List of 27 Selected Causes of Infant Death.....	109
County and DEHNR Regions Map.....	inside back cover
COVER: Pen and ink drawing by Jerry Miller: The Heck-Andrews Home (Raleigh), built in 1870	

INTRODUCTION

North Carolina Vital Statistics, Volume 2: Leading Causes of Death describes North Carolina's general and cause-specific mortality experience at the state, region, and county level via tables and figures. More than a dozen of North Carolina's leading causes of death are depicted in tables and maps. In addition, major site-specific cancers and total infant deaths are also tabulated and mapped.

All users of this volume should be careful in the use of these data. Be sure to read "Interpretation of Death Rates" and "Caution About Use of Rates" located in the Technical Notes section of this volume.

A more exhaustive breakdown of cause-specific mortality by age, race, and sex is described in the companion volume, *North Carolina Detailed Mortality Statistics*. This and other publications (listed and described on the inside front cover of this publication) are available through the State Center for Health Statistics. If you would like copies of these publications you may contact the Center's Information Services Unit.

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Caution: Many of the death rates presented in this volume are based on small numbers and should be interpreted with caution. See Technical Notes.

NORTH CAROLINA'S LEADING CAUSES OF DEATH

Figure 1: NC Deaths by Five Leading Causes, 1995

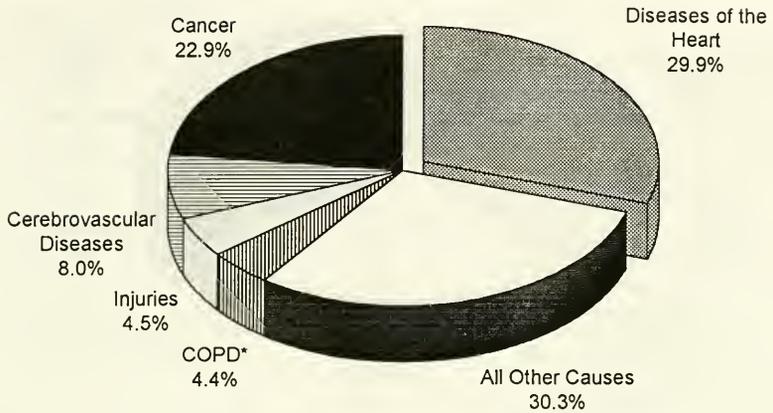
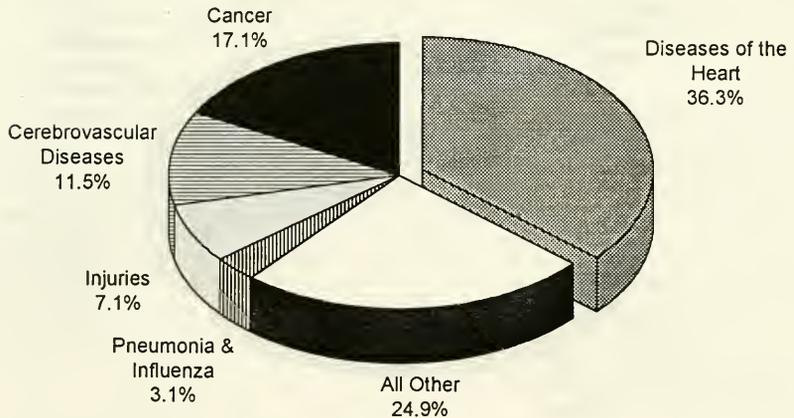


Figure 2: NC Deaths by Five Leading Causes, 1975



*Chronic obstructive pulmonary disease and allied conditions

Figure 3: NC Deaths by Five Leading Causes, 1955

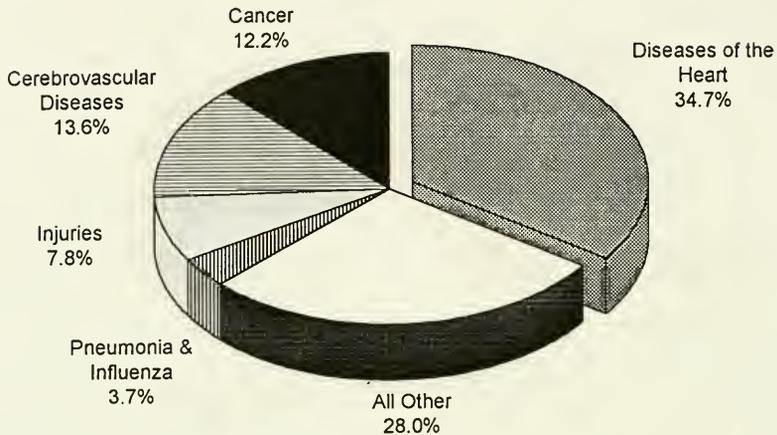
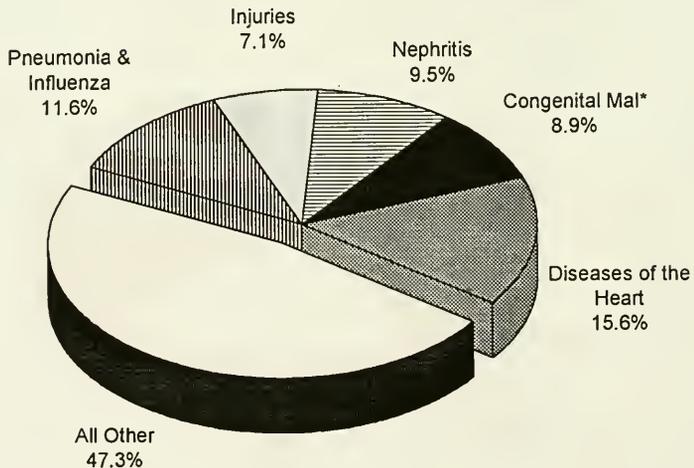


Figure 4: NC Deaths by Five Leading Causes, 1935



*Congenital Malformations

Note: Caution should be taken when comparing leading causes of death across time. The age distribution of the population has changed significantly since 1935. As the age distribution of a population changes over time, so do the leading causes of death. Observed increases in the proportion of deaths by heart disease and cancer are, in part, reflections of an increase in longevity of life since 1935. The association between age and leading causes of death become more apparent in the age-specific tables which follow.

Table 1
North Carolina Top 10 Leading Causes of Death
for Specified Age Groups, 1995*

All Ages

Rank	Cause	Number
1	Diseases of the heart.....	19,360
2	Cancer.....	14,862
3	Cerebrovascular disease.....	5,197
4	Injuries.....	2,943
	Motor vehicle injuries.....	1,490
	Other.....	1,453
5	COPD ¹	2,852
6	Pneumonia & influenza.....	2,434
7	Diabetes mellitus.....	1,747
8	AIDS.....	1,011
9	Suicide.....	904
10	Other diseases of the heart.....	774
	All other.....	12,746

Ages <1

Rank	Cause	Number
1	Originating in perinatal period ²	467
2	Congenital anomalies ³	212
3	Symptoms, signs, and ill-defined conditions (including SIDS).....	134
4	Injuries.....	24
	Motor vehicle injuries.....	10
	Other.....	14
5	Septicemia.....	9
6	Remainder of infectious and parasitic diseases.....	8
7	Other diseases of the nervous system.....	7
8	Remainder of diseases of digestive system.....	6
9	Certain intestinal infections.....	5
10	Meningitis.....	4
	Pneumonia & influenza.....	4
	All other.....	55

Ages 1-4

Rank	Cause	Number
1	Injuries.....	67
	Motor vehicle injuries.....	29
	Other.....	38
2	Cancer.....	20
3	Congenital anomalies ³	19
4	Diseases of the heart.....	8
5	Pneumonia & influenza.....	6
6	AIDS.....	4
7	All other infectious & parasitic diseases.....	4
8	Originating in perinatal period ²	4
9	Symptoms, signs, and ill-defined conditions (including SIDS).....	4
10	Homicide.....	3
	All other.....	39

Ages 5-14

Rank	Cause	Number
1	Injuries.....	99
	Motor vehicle injuries.....	62
	Other.....	37
2	Cancer.....	25
3	Homicide.....	12
4	Congenital anomalies ³	10
5	Suicide.....	8
6	Pneumonia & influenza.....	6
7	Diseases of the heart.....	4
8	AIDS.....	3
9	COPD ¹	3
10	Anemias.....	2
	Benign Neoplasm.....	2
	Cerebrovascular diseases.....	2
	All other infectious & parasitic diseases.....	2
	Symptoms, signs, and ill-defined conditions (SIDS).....	2
	All other.....	42

* Leading causes of death are generated from a list of 43 causes of death. For deaths under one year of age, a list of 27 causes of death was used. See Appendices B and C respectively for the ICD-9 codes for these lists of causes. These are standard cause-of-death categories developed by the National Center for Health Statistics to promote comparability in analyses of mortality.

¹Chronic obstructive pulmonary disease and allied conditions.

²Certain conditions originating in the perinatal period.

³Birth defects and other related conditions.

Table 1 (cont'd)
North Carolina Top 10 Leading Causes of Death
for Specified Age Groups, 1995

Ages 15-24

Rank	Cause	Number
1	Injuries.....	469
	Motor vehicle injuries.....	370
	Other.....	99
2	Homicide.....	191
3	Suicide.....	140
4	Diseases of the heart.....	42
5	Cancer.....	36
6	AIDS.....	23
7	Symptoms, signs, and ill-defined conditions (including SIDS).....	15
8	Congenital anomalies ²	12
9	COPD ¹	9
10	Anemias.....	8
	All other.....	83

Ages 25-44

Rank	Cause	Number
1	Injuries.....	853
	Motor vehicle injuries.....	514
	Other.....	339
2	AIDS.....	753
3	Cancer.....	662
4	Diseases of the heart.....	547
5	Suicide.....	358
6	Homicide.....	350
7	Cerebrovascular diseases.....	134
8	Chronic liver disease.....	109
9	Diabetes mellitus.....	88
10	Pneumonia & influenza.....	70
	All other.....	705

Ages 45-64

Rank	Cause	Number
1	Cancer.....	4,070
2	Diseases of the heart.....	3,335
3	Cerebrovascular diseases.....	563
4	Injuries.....	502
	Motor vehicle injuries.....	259
	Other.....	243
5	COPD ¹	426
6	Diabetes mellitus.....	394
7	Chronic liver disease.....	314
8	Suicide.....	223
9	AIDS.....	220
10	Pneumonia & influenza.....	211
	All other.....	1,773

Ages 65+

Rank	Cause	Number
1	Diseases of the heart.....	15,409
2	Cancer.....	10,048
3	Cerebrovascular diseases.....	4,491
4	COPD ¹	2,382
5	Pneumonia & influenza.....	2,134
6	Diabetes mellitus.....	1,264
7	Injuries.....	929
	Motor vehicle injuries.....	246
	Other.....	683
8	Other diseases of the heart.....	632
9	Nephritis.....	551
10	Septicemia.....	503
	All other.....	7,464

¹Chronic obstructive pulmonary disease and allied conditions.

²Birth defects and other related conditions.

Table 2
North Carolina Top 10 Leading Causes of Death
for Racial Groups, 1995

White		
Rank	Cause	Number
1	Diseases of the heart	15,301
2	Cancer.....	11,484
3	Cerebrovascular disease	3,922
4	COPD ¹	2,503
5	Injuries.....	2,121
	Motor vehicle injuries	1,066
	Other	1,055
6	Pneumonia & influenza	1,999
7	Diabetes mellitus	1,078
8	Suicide	777
9	Other diseases of the heart.....	630
10	Chronic liver disease	501
	All other.....	8,920

Black		
Rank	Cause	Number
1	Diseases of the heart	3,881
2	Cancer.....	3,258
3	Cerebrovascular disease	1,236
4	Injuries.....	752
	Motor vehicle injuries	372
	Other	380
5	AIDS	650
6	Diabetes mellitus	636
7	Pneumonia & influenza	416
8	Homicide	384
9	COPD ¹	329
10	Originating in perinatal period ²	249
	All other.....	3,139

American Indian		
Rank	Cause	Number
1	Diseases of the heart	156
2	Cancer.....	85
3	Injuries.....	46
	Motor vehicle injuries	31
	Other	15
4	Cerebrovascular disease	29
5	Diabetes mellitus.....	29
6	Homicide	20
7	Pneumonia & influenza	19
8	COPD ¹	17
9	AIDS	12
10	Symptoms, signs, and ill-defined conditions (including SIDS)	8
	Chronic liver disease.....	8
	All other	98

Note: Caution should be taken when comparing the number of deaths across racial groupings. Population size varies considerably from one racial group to another. The number of deaths for each group is to a large extent a reflection of that population size.

¹Chronic obstructive pulmonary disease and allied conditions.

²Certain conditions originating in the perinatal period.

**STATE, REGION, AND
COUNTY MORTALITY
TABLES AND FIGURES
FOR 1991-1995**

Table 3
Mortality Statistics Summary for 1995
All North Carolina Residents*

Cause of Death	Number of Deaths 1995	Death Rate 1995
All Causes	64,830	9.0
Diseases of Heart.....	19,360	269.1
Cerebrovascular Disease.....	5,197	72.2
Atherosclerosis.....	428	5.9
Cancer.....	14,862	206.6
Lip, Oral Cavity, and Pharynx.....	248	3.4
Stomach.....	343	4.8
Colon, Rectum, and Anus.....	1,580	22.0
Liver.....	256	3.6
Pancreas.....	760	10.6
Larynx.....	88	1.2
Trachea, Bronchus, and Lung.....	4,313	60.0
Malignant Melanoma.....	202	2.8
Bladder.....	275	3.8
Brain Tumors.....	391	5.4
Non-Hodgkins Lymphoma.....	561	7.8
Leukemia.....	530	7.4
Acquired Immune Deficiency Syndrome.....	1,011	14.1
Septicemia.....	669	9.3
Diabetes Mellitus.....	1,747	24.3
Pneumonia and Influenza.....	2,434	33.8
Chronic Obstructive Pulmonary Disease and Allied Conditions.....	2,852	39.6
Chronic Liver Disease and Cirrhosis.....	677	9.4
Nephritis, Nephrotic Syndrome, and Nephrosis.....	658	9.1
Unintentional Motor Vehicle Injuries.....	1,490	20.7
All Other Unintentional Injuries and Adverse Effects.....	1,453	20.2
Suicide.....	904	12.6
Homicide.....	686	9.5

Table 4
Sex-Specific Mortality Statistics Summary for 1995
North Carolina Male and Female Residents*

Cause of Death	Number of Deaths 1995	Death Rate 1995
Cancer		
Female Breast.....	1,187	32.0
Cervix Uteri.....	142	3.8
Ovary and Other Uterine Adnexa.....	366	9.9
Prostate.....	1,002	28.8

Note: The death rates in Table 4 cannot be compared to those in Table 3 because the denominators are sex-specific. Therefore, in ranking the causes of death—for example, in ranking the leading cancer sites—one must use the observed numbers of deaths.

*See Appendix A for a listing of Cause of Death codes.

TABLE - 5
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
GENERAL MORTALITY

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	64830	9.0	308792	8.9	7.4

REGIONS

D.E.H.N.R. I	8461	10.9	40384	10.7	7.2
D.E.H.N.R. II	13333	8.6	63078	8.5	7.6
D.E.H.N.R. III	13332	9.3	63889	9.2	7.3
D.E.H.N.R. IV	11884	8.1	56604	8.1	7.3
D.E.H.N.R. V	6808	8.7	32554	8.5	7.8
D.E.H.N.R. VI	6510	9.8	31247	9.6	7.7
D.E.H.N.R. VII	4502	8.4	21036	8.1	7.5

COUNTIES

1 ALAMANCE	1211	10.5	5637	10.1	7.2
2 ALEXANDER	252	8.4	1173	8.1	7.2
3 ALLEGHANY	144	15.0	611	12.6	9.3
4 ANSON	284	11.9	1361	11.5	7.6
5 ASHE	259	11.3	1301	11.5	9.3
6 AVERY	172	11.3	796	10.6	6.4
7 BEAUFORT	531	12.3	2559	11.9	8.2
8 BERTIE	255	12.4	1207	11.8	8.2
9 BLADEN	382	12.8	1724	11.8	8.5
10 BRUNSWICK	594	9.8	2687	9.5	7.3
11 BUNCOMBE	1987	10.5	9747	10.7	7.3
12 BURKE	700	8.6	3561	9.1	7.3
13 CABARRUS	1043	9.5	4572	8.7	7.1
14 CALDWELL	660	9.0	3227	8.9	7.7
15 CAMDEN	64	10.1	298	9.8	7.5
16 CARTERET	566	9.8	2656	9.5	7.5
17 CASWELL	232	10.9	1103	10.5	7.2
18 CATAWBA	1093	8.7	5314	8.7	7.7
19 CHATHAM	420	9.8	1971	9.6	6.9
20 CHEROKEE	267	12.2	1178	11.1	6.6
21 CHOWAN	159	11.3	864	12.4	7.4
22 CLAY	102	13.2	401	10.8	6.6
23 CLEVELAND	984	11.0	4530	10.4	8.0
24 COLUMBUS	572	11.2	2815	11.1	8.6
25 CRAVEN	695	8.1	3379	8.0	7.2
26 CUMBERLAND	1770	6.0	8428	5.9	7.8
27 CURRITUCK	158	10.0	742	10.0	8.8
28 DARE	202	7.8	925	7.7	7.0
29 DAVIDSON	1133	8.3	5656	8.5	7.3
30 DAVIE	278	9.3	1299	8.9	6.7
31 DUPLIN	518	12.1	2425	11.7	8.6
32 DURHAM	1692	8.8	7884	8.3	7.4
33 EDGECOMBE	629	11.1	3133	11.0	8.8
34 FORSYTH	2659	9.5	12644	9.3	7.4
35 FRANKLIN	369	8.9	1939	9.8	7.6
36 GASTON	1814	10.2	8499	9.6	8.3
37 GATES	105	10.7	534	11.1	7.9
38 GRAHAM	93	12.5	414	11.3	8.9
39 GRANVILLE	414	10.1	1996	9.9	7.9
40 GREENE	158	9.4	705	8.7	7.1
41 GUILFORD	3324	8.9	15953	8.9	7.2

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
GENERAL MORTALITY, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	676	11.8	3308	11.6	8.3
43 HARNETT	701	9.1	3230	8.9	7.9
44 HAYWOOD	567	11.4	2720	11.1	7.1
45 HENDERSON	1002	13.1	4665	12.7	7.0
46 HERTFORD	283	12.6	1336	11.9	7.7
47 HOKE	198	7.2	976	7.8	7.7
48 HYDE	69	13.2	349	13.0	8.5
49 IREDELL	1030	10.0	4687	9.4	7.4
50 JACKSON	270	9.4	1237	8.8	6.6
51 JOHNSTON	941	9.9	4171	9.3	8.0
52 JONES	123	12.9	515	10.9	7.7
53 LEE	422	9.2	2115	9.6	7.8
54 LENOIR	669	11.3	3258	11.1	8.4
55 LINCOLN	445	8.0	2237	8.4	7.5
56 MCDOWELL	378	10.1	1824	10.0	7.3
57 MACON	348	13.2	1538	12.3	6.3
58 MADISON	199	11.2	1003	11.5	7.6
59 MARTIN	305	11.8	1404	10.9	7.9
60 MECKLENBURG	4172	7.2	19941	7.3	7.3
61 MITCHELL	179	12.1	885	12.2	6.8
62 MONTGOMERY	194	8.1	1131	9.6	7.5
63 MOORE	756	11.3	3525	11.2	6.7
64 NASH	757	9.0	3902	9.6	7.9
65 NEW HANOVER	1202	8.6	5710	8.7	7.2
66 NORTHAMPTON	233	11.2	1277	12.3	7.0
67 ONSLOW	688	4.7	3171	4.3	7.7
68 ORANGE	611	5.8	2886	5.7	6.2
69 PAMLICO	121	10.2	632	10.9	6.8
70 PASQUOTANK	342	10.3	1681	10.3	7.8
71 PENDER	362	10.4	1572	9.7	7.3
72 PERQUIMANS	135	12.7	639	12.2	7.2
73 PERSON	327	10.2	1566	10.1	7.3
74 PITT	1003	8.5	4675	8.2	8.0
75 POLK	206	13.1	1091	14.3	7.4
76 RANDOLPH	944	8.2	4622	8.3	7.0
77 RICHMOND	522	11.5	2570	11.4	8.8
78 ROBESON	1060	9.6	5164	9.5	8.6
79 ROCKINGHAM	961	10.9	4590	10.5	7.7
80 ROWAN	1232	10.4	6116	10.6	7.6
81 RUTHERFORD	709	12.0	3250	11.2	7.9
82 SAMPSON	589	11.7	2756	11.2	8.1
83 SCOTLAND	352	10.1	1689	9.8	8.8
84 STANLY	567	10.5	2710	10.2	7.8
85 STOKES	360	8.8	1712	8.7	7.4
86 SURRY	720	11.1	3281	10.3	7.4
87 SWAIN	164	14.2	710	12.5	8.6
88 TRANSYLVANIA	303	11.2	1354	10.2	6.1
89 TYRRELL	41	10.8	217	11.3	6.6
90 UNION	701	7.1	3299	7.2	7.5
91 VANCE	480	12.0	2225	11.2	8.7
92 WAKE	2922	5.6	13493	5.6	6.6
93 WARREN	198	10.9	1060	12.0	6.6
94 WASHINGTON	161	11.7	749	10.8	7.8
95 WATAUGA	258	6.4	1191	6.2	5.9
96 WAYNE	931	8.4	4579	8.5	7.8
97 WILKES	535	8.6	2722	8.9	7.1
98 WILSON	793	11.7	3678	11.0	8.7
99 YADKIN	314	9.3	1567	9.7	7.1
100 YANCEY	155	9.6	783	9.9	6.6

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

STATE CENTER FOR HEALTH STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES

General Mortality

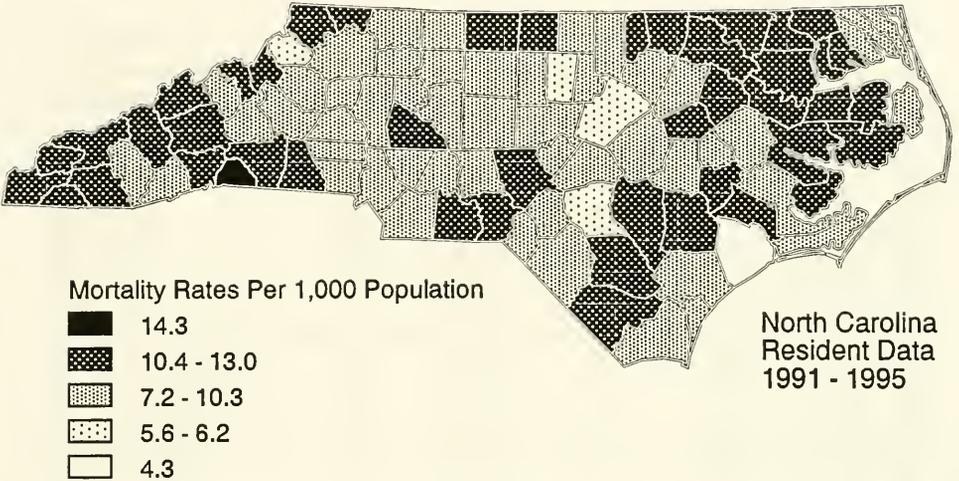


Figure 5.A

General Mortality

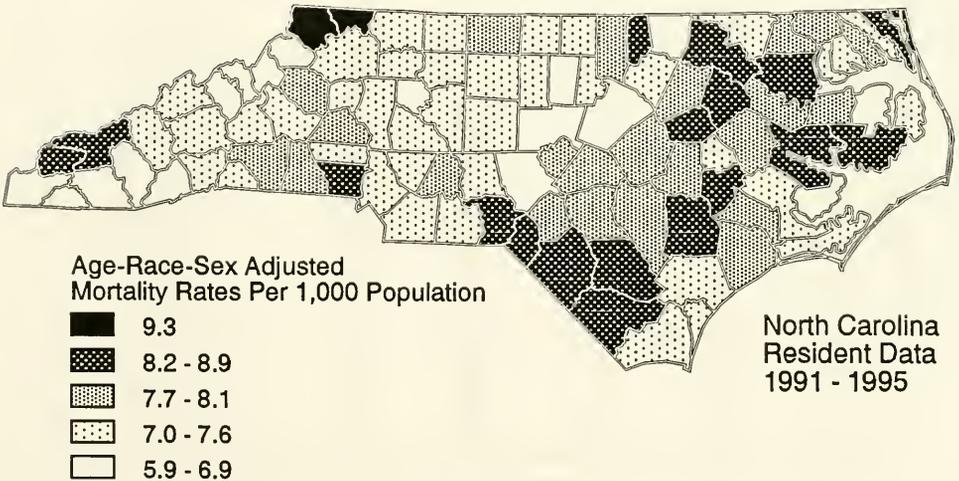


Figure 5.B

TABLE - 6
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
DISEASES OF THE HEART

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	19360	269.1	95755	275.3	222.7

REGIONS

D.E.H.N.R. I	2658	342.1	13207	349.4	214.9
D.E.H.N.R. II	4070	264.0	19856	267.6	230.7
D.E.H.N.R. III	3923	273.7	19809	284.1	215.9
D.E.H.N.R. IV	3392	232.1	16622	238.3	213.8
D.E.H.N.R. V	2031	259.0	10261	269.1	244.6
D.E.H.N.R. VI	1934	292.0	9529	293.8	231.2
D.E.H.N.R. VII	1352	252.9	6471	250.6	227.7

COUNTIES

1 ALAMANCE	353	306.2	1741	310.7	207.4
2 ALEXANDER	83	275.1	396	272.6	222.2
3 ALLEGHANY	42	436.7	206	424.7	248.8
4 ANSON	99	415.5	487	411.1	258.8
5 ASHE	66	287.1	404	356.1	210.6
6 AVERY	69	454.4	305	405.5	242.4
7 BEAUFORT	177	408.5	876	407.7	266.8
8 BERTIE	78	377.9	370	361.7	246.4
9 BLADEN	105	352.5	525	359.0	253.1
10 BRUNSWICK	193	317.8	853	301.2	221.3
11 BUNCOMBE	606	321.1	3018	330.1	208.6
12 BURKE	217	266.5	1191	303.0	231.0
13 CABARRUS	349	316.3	1517	287.6	227.7
14 CALDWELL	223	302.5	1091	301.4	244.1
15 CAMDEN	14	221.7	83	271.8	199.7
16 CARTERET	159	276.0	802	287.4	208.8
17 CASWELL	73	341.6	335	317.5	210.4
18 CATAWBA	312	247.1	1587	258.5	218.2
19 CHATHAM	128	298.3	589	285.8	192.1
20 CHEROKEE	97	444.5	424	401.2	205.2
21 CHOWAN	48	342.1	264	378.5	221.2
22 CLAY	35	452.7	128	343.7	178.3
23 CLEVELAND	364	408.4	1623	372.8	269.8
24 COLUMBUS	182	355.0	947	374.7	276.5
25 CRAVEN	191	222.6	987	235.1	209.6
26 CUMBERLAND	445	151.4	2487	172.7	252.9
27 CURRITUCK	44	278.2	197	264.4	227.7
28 DARE	65	252.3	270	223.4	214.1
29 DAVIDSON	356	260.6	1946	292.4	241.4
30 DAVIE	100	336.3	431	296.6	208.9
31 DUPLIN	144	336.7	703	338.1	239.6
32 DURHAM	456	236.4	2038	214.8	190.1
33 EDGECOMBE	177	311.6	947	333.9	267.4
34 FORSYTH	737	263.3	3690	270.2	208.0
35 FRANKLIN	84	201.7	561	283.2	209.9
36 GASTON	582	326.2	2967	334.3	280.3
37 GATES	34	347.0	183	380.6	254.9
38 GRAHAM	25	334.9	130	355.6	204.0
39 GRANVILLE	130	316.1	611	304.3	239.7
40 GREENE	52	309.6	232	287.3	236.1
41 GUILFORD	911	244.8	4688	260.1	207.2

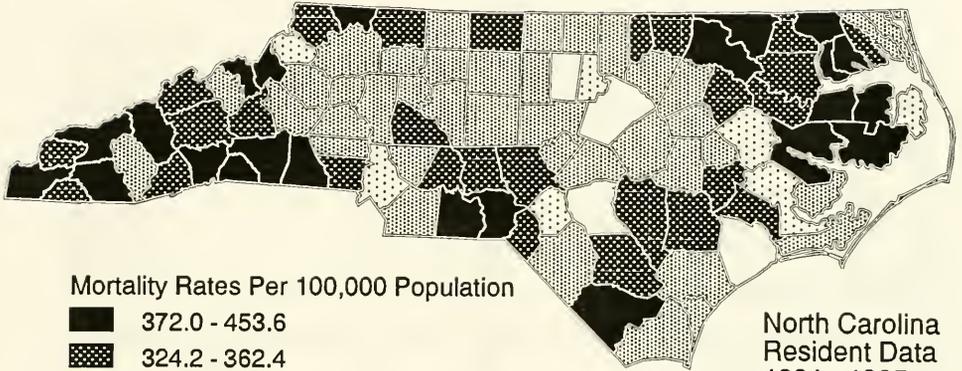
*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
DISEASES OF THE HEART, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	240	417.6	1112	390.9	278.0
43 HARNETT	215	279.4	1040	285.9	247.9
44 HAYWOOD	192	384.4	908	372.0	198.9
45 HENDERSON	292	383.0	1469	398.7	194.0
46 HERTFORD	91	405.0	405	360.3	232.6
47 HOKE	50	182.9	277	221.2	226.1
48 HYDE	20	383.8	118	440.5	263.9
49 IREDELL	302	291.9	1517	305.7	228.0
50 JACKSON	80	277.8	392	280.1	203.1
51 JOHNSTON	297	311.3	1396	312.9	258.6
52 JONES	32	336.8	165	348.5	241.0
53 LEE	122	265.1	652	296.7	227.8
54 LENOIR	191	323.3	978	334.4	245.6
55 LINCOLN	142	255.4	729	273.3	234.6
56 MCDOWELL	115	308.8	638	350.5	253.3
57 MACON	120	456.6	520	414.2	196.3
58 MADISON	53	298.1	296	340.5	164.2
59 MARTIN	97	375.4	440	342.1	241.1
60 MECKLENBURG	1090	188.8	5428	197.6	200.2
61 MITCHELL	63	424.6	293	404.4	170.2
62 MONTGOMERY	60	251.8	387	328.0	247.9
63 MOORE	250	375.0	1137	359.8	193.3
64 NASH	228	271.5	1222	301.9	244.4
65 NEW HANOVER	369	264.4	1754	267.1	212.3
66 NORTHAMPTON	63	304.0	404	390.5	212.3
67 ONSLOW	191	129.1	906	122.3	242.1
68 ORANGE	152	143.6	798	156.8	169.0
69 PAMLICO	34	286.5	174	299.1	170.6
70 PASQUOTANK	113	339.4	545	335.0	241.5
71 PENDER	114	328.8	506	312.4	225.6
72 PERQUIMANS	46	431.9	214	407.4	229.9
73 PERSON	90	280.0	487	313.2	214.0
74 PITT	256	218.0	1220	213.7	212.8
75 POLK	59	374.8	346	453.6	203.1
76 RANDOLPH	281	243.2	1539	276.1	224.9
77 RICHMOND	164	361.2	862	382.2	281.7
78 ROBESON	336	302.7	1614	297.8	267.6
79 ROCKINGHAM	305	345.3	1459	335.3	232.9
80 ROWAN	399	335.6	1993	346.3	229.3
81 RUTHERFORD	227	384.2	1153	396.3	256.3
82 SAMPSON	182	360.2	862	350.5	245.0
83 SCOTLAND	125	360.0	583	338.3	303.0
84 STANLY	205	381.2	943	354.7	251.4
85 STOKES	108	263.0	538	274.1	229.0
86 SURRY	238	365.7	1060	333.3	225.3
87 SWAIN	49	423.6	238	418.2	254.4
88 TRANSYLVANIA	94	346.0	432	324.2	164.0
89 TYRRELL	9	236.1	84	439.0	248.8
90 UNION	242	246.5	1156	252.2	260.2
91 VANCE	150	374.6	717	362.4	275.8
92 WAKE	778	150.1	3746	156.4	187.0
93 WARREN	58	319.8	305	345.1	188.8
94 WASHINGTON	64	464.9	277	399.3	278.5
95 WATAUGA	84	209.3	419	217.3	201.4
96 WAYNE	278	250.4	1447	267.2	250.1
97 WILKES	176	283.6	849	278.4	220.5
98 WILSON	239	352.3	1037	309.0	240.1
99 YADKIN	93	276.2	504	312.6	228.8
100 YANCEY	42	260.2	235	296.9	191.3

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Diseases of the Heart



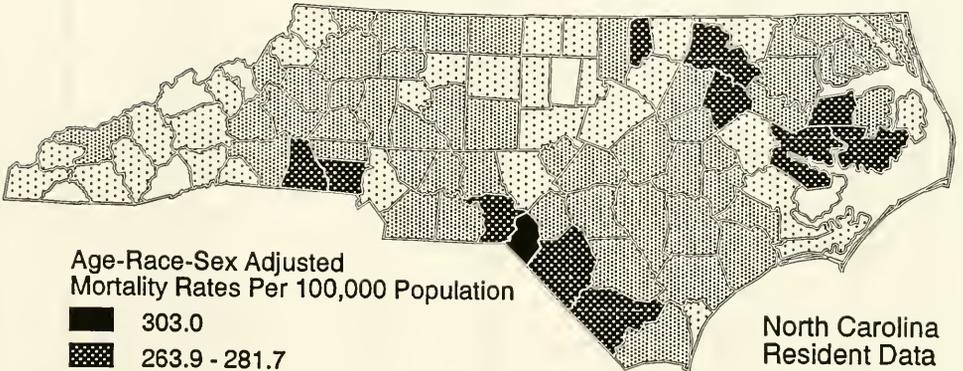
Mortality Rates Per 100,000 Population

- 372.0 - 453.6
- 324.2 - 362.4
- 252.2 - 317.5
- 197.6 - 235.1
- 122.3 - 172.7

North Carolina
Resident Data
1991 - 1995

Figure 6.A

Diseases of the Heart



Age-Race-Sex Adjusted
Mortality Rates Per 100,000 Population

- 303.0
- 263.9 - 281.7
- 218.2 - 260.2
- 187.0 - 214.1
- 164.0 - 178.3

North Carolina
Resident Data
1991 - 1995

Figure 6.B

TABLE - 7
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
CEREBROVASCULAR DISEASE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	5197	72.2	24332	69.9	54.6

REGIONS

D.E.H.N.R. I	606	78.0	2898	76.7	46.8
D.E.H.N.R. II	1045	67.8	4815	64.9	55.2
D.E.H.N.R. III	1135	79.2	5344	76.6	55.3
D.E.H.N.R. IV	960	65.7	4672	67.0	57.2
D.E.H.N.R. V	517	65.9	2472	64.8	55.7
D.E.H.N.R. VI	574	86.7	2531	78.0	57.6
D.E.H.N.R. VII	360	67.3	1600	62.0	56.0

COUNTIES

1 ALAMANCE	113	98.0	483	86.2	55.4
2 ALEXANDER	16	53.0	70	48.2	45.1
3 ALLEGHANY	16	166.4	50	103.1	41.4
4 ANSON	31	130.1	139	117.3	60.5
5 ASHE	15	65.2	93	82.0	67.5
6 AVERY	4	26.3	29	38.6	29.4
7 BEAUFORT	49	113.1	185	86.1	51.2
8 BERTIE	17	82.4	98	95.8	59.9
9 BLADEN	45	151.1	168	114.9	72.9
10 BRUNSWICK	34	56.0	162	57.2	44.5
11 BUNCOMBE	151	80.0	740	80.9	50.0
12 BURKE	45	55.3	197	50.1	42.1
13 CABARRUS	47	42.6	287	54.4	40.6
14 CALDWELL	58	78.7	243	67.1	55.5
15 CAMDEN	4	63.3	26	85.1	60.2
16 CARTERET	52	90.3	181	64.9	56.0
17 CASWELL	16	74.9	98	92.9	58.9
18 CATAWBA	86	68.1	384	62.5	52.3
19 CHATHAM	31	72.2	151	73.3	47.6
20 CHEROKEE	10	45.8	55	52.0	23.6
21 CHOWAN	14	99.8	78	111.8	58.1
22 CLAY	5	64.7	19	51.0	20.2
23 CLEVELAND	85	95.4	366	84.1	61.3
24 COLUMBUS	42	81.9	214	84.7	59.3
25 CRAVEN	59	68.8	261	62.2	54.2
26 CUMBERLAND	110	37.4	474	32.9	46.0
27 CURRITUCK	11	69.5	52	69.8	61.2
28 DARE	17	66.0	59	48.8	40.6
29 DAVIDSON	105	76.9	455	68.4	56.3
30 DAVIE	20	67.3	89	61.3	41.3
31 DUPLIN	47	109.9	267	128.4	86.8
32 DURHAM	94	48.7	555	58.5	50.0
33 EDGECOMBE	60	105.6	286	100.8	70.1
34 FORSYTH	229	81.8	1057	77.4	55.6
35 FRANKLIN	38	91.2	152	76.7	53.7
36 GASTON	130	72.9	534	60.2	49.7
37 GATES	5	51.0	32	66.6	45.6
38 GRAHAM	6	80.4	24	65.6	42.0
39 GRANVILLE	19	46.2	169	84.2	62.8
40 GREENE	13	77.4	50	61.9	44.5
41 GUILFORD	273	73.4	1368	75.9	56.2

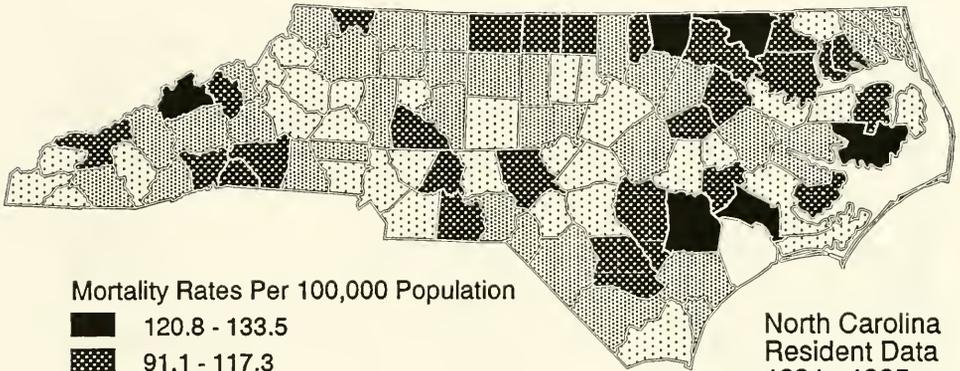
*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
CEREBROVASCULAR DISEASE, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	51	88.7	298	104.8	68.8
43 HARNETT	37	48.1	180	49.5	41.8
44 HAYWOOD	38	76.1	188	77.0	50.8
45 HENDERSON	65	85.2	361	98.0	53.7
46 HERTFORD	20	89.0	121	107.6	61.5
47 HOKE	13	47.6	74	59.1	56.0
48 HYDE	6	115.1	33	123.2	66.5
49 IREDELL	91	88.0	398	80.2	56.7
50 JACKSON	11	38.2	64	45.7	29.1
51 JOHNSTON	70	73.4	331	74.2	59.0
52 JONES	18	189.4	61	128.8	84.8
53 LEE	31	67.4	131	59.6	46.5
54 LENOIR	76	128.6	325	111.1	75.2
55 LINCOLN	41	73.8	201	75.4	65.4
56 MCDOWELL	30	80.5	137	75.3	44.0
57 MACON	21	79.9	105	83.6	36.7
58 MADISON	23	129.4	105	120.8	57.6
59 MARTIN	22	85.1	83	64.5	40.5
60 MECKLENBURG	356	61.6	1517	55.2	54.1
61 MITCHELL	12	80.9	58	80.0	92.7
62 MONTGOMERY	8	33.6	70	59.3	42.2
63 MOORE	73	109.5	351	111.1	58.7
64 NASH	67	79.8	339	83.7	64.2
65 NEW HANOVER	115	82.4	510	77.7	60.6
66 NORTHAMPTON	24	115.8	135	130.5	68.4
67 ONSLOW	40	27.0	151	20.4	39.9
68 ORANGE	46	43.5	208	40.9	43.2
69 PAMLICO	15	126.4	53	91.1	48.2
70 PASQUOTANK	25	75.1	125	76.8	51.9
71 PENDER	30	86.5	115	71.0	48.8
72 PERQUIMANS	11	103.3	59	112.3	55.5
73 PERSON	45	140.0	160	102.9	66.2
74 PITT	103	87.7	415	72.7	66.0
75 POLK	12	76.2	78	102.3	41.3
76 RANDOLPH	73	63.2	365	65.5	51.7
77 RICHMOND	43	94.7	194	86.0	59.7
78 ROBESON	76	68.5	422	77.9	69.9
79 ROCKINGHAM	87	98.5	432	99.3	65.3
80 ROWAN	107	90.0	538	93.5	61.5
81 RUTHERFORD	60	101.6	265	91.1	55.7
82 SAMPSON	57	112.8	276	112.2	73.1
83 SCOTLAND	24	69.1	124	72.0	58.3
84 STANLY	49	91.1	290	109.1	72.0
85 STOKES	27	65.7	142	72.4	57.9
86 SURRY	61	93.7	268	84.3	50.2
87 SWAIN	13	112.4	52	91.4	53.1
88 TRANSYLVANIA	29	106.7	103	77.3	41.8
89 TYRRELL	5	131.2	18	94.1	49.6
90 UNION	37	37.7	230	50.2	52.7
91 VANCE	48	119.9	187	94.5	63.4
92 WAKE	246	47.5	1100	45.9	53.2
93 WARREN	23	126.8	118	133.5	59.3
94 WASHINGTON	9	65.4	41	59.1	40.6
95 WATAUGA	20	49.8	74	38.4	25.4
96 WAYNE	75	67.6	356	65.7	59.8
97 WILKES	55	88.6	258	84.6	61.2
98 WILSON	67	98.8	352	104.9	77.3
99 YADKIN	25	74.2	112	69.5	46.2
100 YANCEY	13	80.5	75	94.8	40.7

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Cerebrovascular Disease



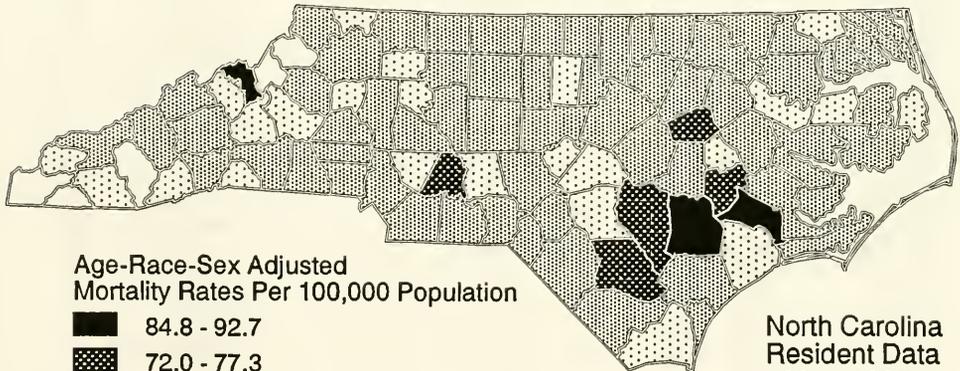
Mortality Rates Per 100,000 Population

- 120.8 - 133.5
- ▣ 91.1 - 117.3
- ▤ 68.4 - 86.2
- ▥ 32.9 - 67.1
- 20.4

North Carolina
Resident Data
1991 - 1995

Figure 7.A

Cerebrovascular Disease



Age-Race-Sex Adjusted
Mortality Rates Per 100,000 Population

- 84.8 - 92.7
- ▣ 72.0 - 77.3
- ▤ 47.6 - 70.1
- ▥ 36.7 - 46.5
- 20.2 - 29.4

North Carolina
Resident Data
1991 - 1995

Figure 7.B

TABLE - 8
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
ATHEROSCLEROSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	428	5.9	1997	5.7	4.3

REGIONS

D.E.H.N.R. I	60	7.7	249	6.6	3.8
D.E.H.N.R. II	69	4.5	344	4.6	3.7
D.E.H.N.R. III	87	6.1	428	6.1	4.1
D.E.H.N.R. IV	84	5.7	368	5.3	4.4
D.E.H.N.R. V	24	3.1	178	4.7	4.1
D.E.H.N.R. VI	72	10.9	302	9.3	6.8
D.E.H.N.R. VII	32	6.0	128	5.0	4.4

COUNTIES

1 ALAMANCE	16	13.9	59	10.5	6.3
2 ALEXANDER	0	0.0	0	0.0	0.0
3 ALLEGHANY	0	0.0	1	2.1	1.0
4 ANSON	0	0.0	2	1.7	0.5
5 ASHE	2	8.7	7	6.2	18.1
6 AVERY	2	13.2	3	4.0	1.7
7 BEAUFORT	0	0.0	5	2.3	1.6
8 BERTIE	3	14.5	15	14.7	8.3
9 BLADEN	0	0.0	23	15.7	9.8
10 BRUNSWICK	7	11.5	21	7.4	6.0
11 BUNCOMBE	16	8.5	88	9.6	5.4
12 BURKE	4	4.9	14	3.6	2.9
13 CABARRUS	4	3.6	16	3.0	2.5
14 CALDWELL	3	4.1	10	2.8	1.7
15 CAMDEN	2	31.7	4	13.1	9.1
16 CARTERET	2	3.5	4	1.4	0.9
17 CASWELL	1	4.7	8	7.6	5.4
18 CATAWBA	4	3.2	22	3.6	3.0
19 CHATHAM	3	7.0	10	4.9	2.8
20 CHEROKEE	0	0.0	6	5.7	1.7
21 CHOWAN	3	21.4	21	30.1	15.4
22 CLAY	1	12.9	4	10.7	4.0
23 CLEVELAND	7	7.9	32	7.3	5.3
24 COLUMBUS	0	0.0	2	0.8	0.6
25 CRAVEN	4	4.7	20	4.8	4.3
26 CUMBERLAND	6	2.0	51	3.5	5.5
27 CURRITUCK	4	25.3	18	24.2	19.2
28 DARE	4	15.5	10	8.3	5.6
29 DAVIDSON	3	2.2	19	2.9	2.6
30 DAVIE	3	10.1	6	4.1	2.4
31 DUPLIN	4	9.4	34	16.4	11.2
32 DURHAM	15	7.8	82	8.6	6.2
33 EDGECOMBE	5	8.8	27	9.5	7.4
34 FORSYTH	15	5.4	61	4.5	3.2
35 FRANKLIN	2	4.8	7	3.5	2.6
36 GASTON	4	2.2	24	2.7	1.9
37 GATES	4	40.8	7	14.6	9.1
38 GRAHAM	1	13.4	3	8.2	4.3
39 GRANVILLE	1	2.4	10	5.0	4.0
40 GREENE	1	6.0	13	16.1	8.5
41 GUILFORD	25	6.7	156	8.7	6.1

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
ATHEROSCLEROSIS, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	3	5.2	17	6.0	3.4
43 HARNETT	2	2.6	12	3.3	2.5
44 HAYWOOD	2	4.0	6	2.5	1.1
45 HENDERSON	4	5.2	8	2.2	0.6
46 HERTFORD	4	17.8	15	13.3	6.9
47 HOKE	1	3.7	4	3.2	2.3
48 HYDE	0	0.0	0	0.0	0.0
49 IREDELL	8	7.7	20	4.0	2.9
50 JACKSON	3	10.4	7	5.0	3.9
51 JOHNSTON	8	8.4	24	5.4	4.3
52 JONES	0	0.0	4	8.4	6.0
53 LEE	3	6.5	14	6.4	4.6
54 LENOIR	19	32.2	68	23.3	14.5
55 LINCOLN	0	0.0	9	3.4	2.3
56 MCDOWELL	2	5.4	14	7.7	4.4
57 MACON	0	0.0	3	2.4	1.1
58 MADISON	0	0.0	6	6.9	2.7
59 MARTIN	2	7.7	10	7.8	5.9
60 MECKLENBURG	16	2.8	79	2.9	2.7
61 MITCHELL	0	0.0	2	2.8	0.8
62 MONTGOMERY	1	4.2	3	2.5	1.7
63 MOORE	3	4.5	12	3.8	1.6
64 NASH	7	8.3	24	5.9	4.6
65 NEW HANOVER	10	7.2	38	5.8	4.7
66 NORTHAMPTON	2	9.6	10	9.7	7.4
67 ONSLOW	6	4.1	16	2.2	4.3
68 ORANGE	2	1.9	19	3.7	4.0
69 PAMLICO	1	8.4	2	3.4	2.0
70 PASQUOTANK	2	6.0	19	11.7	7.8
71 PENDER	3	8.7	13	8.0	5.4
72 PERQUIMANS	3	28.2	13	24.7	13.2
73 PERSON	2	6.2	13	8.4	5.3
74 PITT	7	6.0	18	3.2	3.5
75 POLK	1	6.4	5	6.6	1.4
76 RANDOLPH	3	2.6	17	3.0	2.9
77 RICHMOND	2	4.4	16	7.1	5.0
78 ROBESON	5	4.5	40	7.4	7.0
79 ROCKINGHAM	2	2.3	15	3.4	2.1
80 ROWAN	18	15.1	98	17.0	9.5
81 RUTHERFORD	20	33.9	58	19.9	10.7
82 SAMPSON	4	7.9	12	4.9	3.9
83 SCOTLAND	0	0.0	3	1.7	0.8
84 STANLY	7	13.0	37	13.9	9.6
85 STOKES	9	21.9	28	14.3	9.8
86 SURRY	6	9.2	30	9.4	4.5
87 SWAIN	0	0.0	3	5.3	2.9
88 TRANSYLVANIA	1	3.7	6	4.5	5.1
89 TYRRELL	0	0.0	0	0.0	0.0
90 UNION	1	1.0	7	1.5	1.4
91 VANCE	7	17.5	15	7.6	6.0
92 WAKE	16	3.1	44	1.8	2.1
93 WARREN	0	0.0	4	4.5	2.9
94 WASHINGTON	1	7.3	2	2.9	2.5
95 WATAUGA	0	0.0	6	3.1	1.9
96 WAYNE	8	7.2	38	7.0	6.6
97 WILKES	1	1.6	9	3.0	1.7
98 WILSON	8	11.8	48	14.3	10.2
99 YADKIN	1	3.0	6	3.7	1.6
100 YANCEY	0	0.0	3	3.8	1.3

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Atherosclerosis

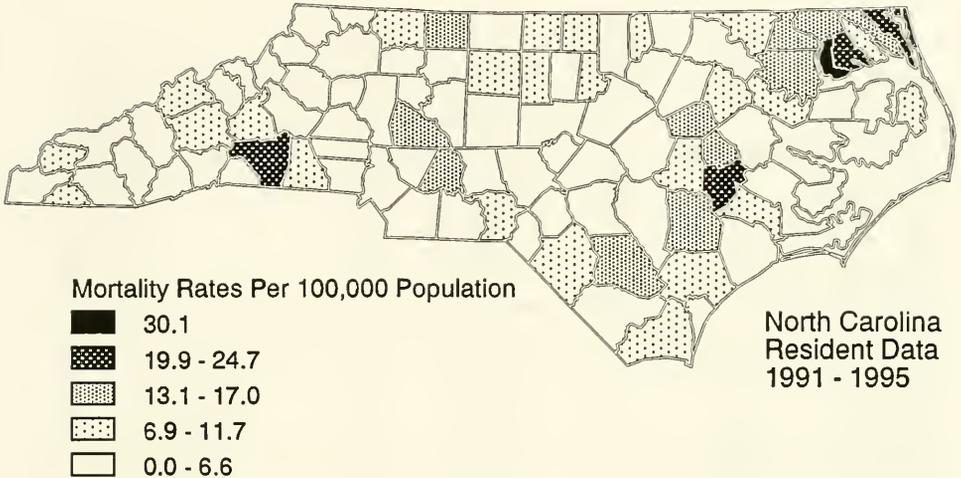


Figure 8.A

Atherosclerosis

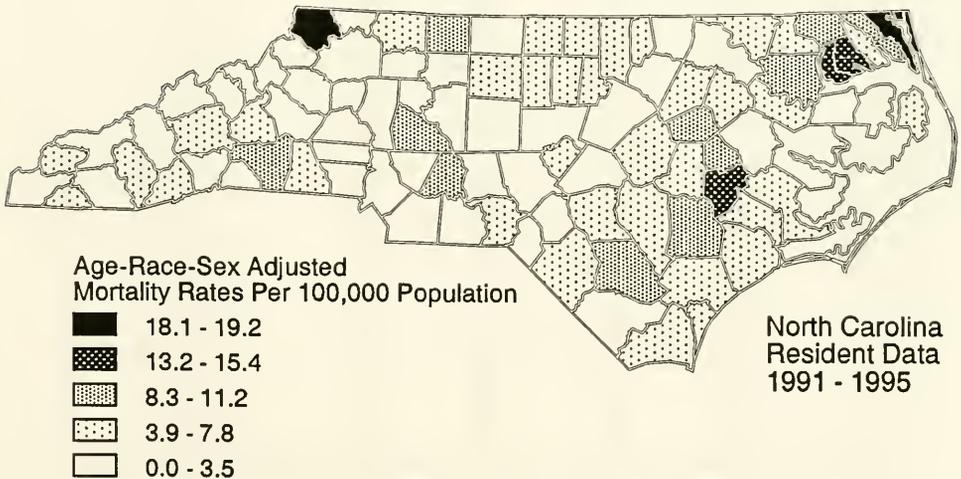


Figure 8.B

TABLE - 9
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
CANCER - ALL SITES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	14862	206.6	71140	204.5	178.0

REGIONS

D.E.H.N.R. I	1923	247.5	9395	248.5	172.8
D.E.H.N.R. II	2952	191.5	14424	194.4	180.6
D.E.H.N.R. III	3103	216.5	14664	210.3	174.7
D.E.H.N.R. IV	2709	185.4	13017	186.6	177.8
D.E.H.N.R. V	1529	195.0	7224	189.4	181.6
D.E.H.N.R. VI	1537	232.1	7249	223.5	185.5
D.E.H.N.R. VII	1109	207.5	5167	200.1	188.1

COUNTIES

1 ALAMANCE	268	232.4	1249	222.9	166.3
2 ALEXANDER	54	179.0	256	176.2	157.9
3 ALLEGHANY	35	363.9	133	274.2	234.1
4 ANSON	64	268.6	291	245.6	177.6
5 ASHE	59	256.6	293	258.3	165.1
6 AVERY	31	204.1	172	228.7	130.7
7 BEAUFORT	118	272.3	553	257.4	186.0
8 BERTIE	59	285.9	279	272.7	188.3
9 BLADEN	78	261.8	360	246.2	182.8
10 BRUNSWICK	159	261.8	693	244.7	174.3
11 BUNCOMBE	458	242.7	2319	253.6	181.7
12 BURKE	163	200.1	829	210.9	169.1
13 CABARRUS	239	216.6	1082	205.1	175.4
14 CALDWELL	138	187.2	756	208.8	179.8
15 CAMDEN	23	364.2	86	281.6	208.9
16 CARTERET	164	284.7	750	268.7	216.5
17 CASWELL	53	248.0	266	252.1	172.3
18 CATAWBA	259	205.2	1275	207.7	183.2
19 CHATHAM	103	240.0	475	230.5	173.3
20 CHEROKEE	50	229.1	275	260.2	153.7
21 CHOWAN	41	292.2	193	276.7	181.5
22 CLAY	28	362.1	116	311.4	166.2
23 CLEVELAND	169	189.6	878	201.7	161.3
24 COLUMBUS	138	269.2	618	244.5	192.3
25 CRAVEN	170	198.1	840	200.1	185.2
26 CUMBERLAND	425	144.6	1944	135.0	190.0
27 CURRITUCK	52	328.7	211	283.2	241.1
28 DARE	54	209.6	260	215.1	197.5
29 DAVIDSON	260	190.3	1290	193.9	164.5
30 DAVIE	57	191.7	285	196.2	150.7
31 DUPLIN	117	273.5	536	257.8	195.5
32 DURHAM	387	200.6	1903	200.6	198.7
33 EDGECOMBE	128	225.3	669	235.9	195.7
34 FORSYTH	614	219.4	2912	213.3	181.6
35 FRANKLIN	84	201.7	415	209.5	175.6
36 GASTON	407	228.1	1924	216.8	194.5
37 GATES	23	234.7	116	241.2	165.8
38 GRAHAM	25	334.9	107	292.6	231.6
39 GRANVILLE	92	223.7	430	214.1	169.2
40 GREENE	39	232.2	163	201.8	161.2
41 GUILFORD	815	219.0	3719	206.3	178.5

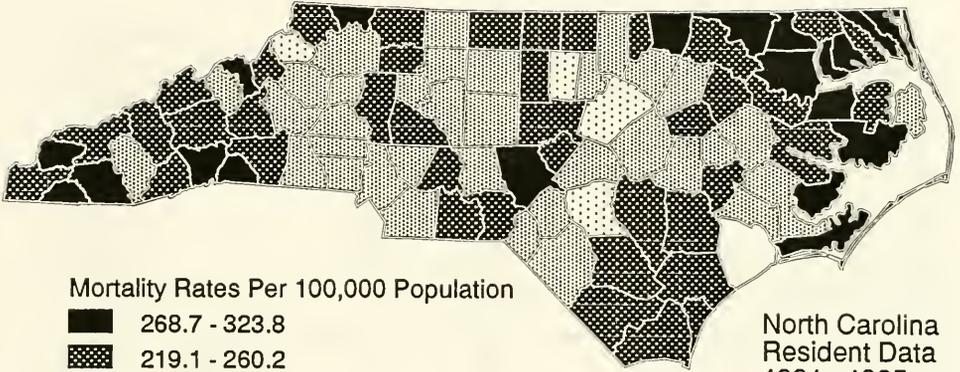
*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
 CANCER - ALL SITES, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	150	261.0	689	242.2	175.6
43 HARNETT	175	227.4	774	212.8	195.2
44 HAYWOOD	131	262.3	628	257.3	176.3
45 HENDERSON	250	327.9	1160	314.8	187.5
46 HERTFORD	67	298.2	320	284.6	187.8
47 HOKE	44	161.0	231	184.5	211.1
48 HYDE	14	268.7	75	280.0	193.4
49 IREDELL	233	225.2	1087	219.1	178.7
50 JACKSON	48	166.7	277	197.9	149.4
51 JOHNSTON	226	236.9	939	210.5	185.1
52 JONES	19	200.0	88	185.9	131.2
53 LEE	105	228.2	507	230.7	184.8
54 LENOIR	147	248.8	742	253.7	194.6
55 LINCOLN	89	160.1	502	188.2	174.0
56 MCDOWELL	91	244.3	402	220.8	161.1
57 MACON	82	312.0	369	293.9	181.7
58 MADISON	44	247.5	203	233.5	229.4
59 MARTIN	77	298.0	331	257.3	183.6
60 MECKLENBURG	944	163.5	4675	170.2	182.1
61 MITCHELL	34	229.1	214	295.3	144.0
62 MONTGOMERY	39	163.7	244	206.8	172.1
63 MOORE	198	297.0	912	288.6	175.2
64 NASH	168	200.1	870	214.9	183.0
65 NEW HANOVER	287	205.6	1451	221.0	187.6
66 NORTHAMPTON	50	241.2	281	271.6	154.8
67 ONSLOW	164	110.9	728	98.3	194.9
68 ORANGE	171	161.6	717	140.9	164.4
69 PAMLICO	27	227.5	178	306.0	193.1
70 PASQUOTANK	77	231.3	383	235.4	186.0
71 PENDER	80	230.7	391	241.4	178.3
72 PERQUIMANS	32	300.5	152	289.3	178.0
73 PERSON	77	239.6	358	230.3	178.6
74 PITT	216	184.0	1010	176.9	186.4
75 POLK	49	311.2	247	323.8	186.5
76 RANDOLPH	230	199.1	1065	191.1	163.6
77 RICHMOND	110	242.3	534	236.7	187.6
78 ROBESON	219	197.3	1045	192.8	193.8
79 ROCKINGHAM	223	252.5	1072	246.4	189.6
80 ROWAN	273	229.7	1380	239.8	178.4
81 RUTHERFORD	144	243.7	673	231.3	172.3
82 SAMPSON	107	211.8	542	220.4	165.5
83 SCOTLAND	70	201.6	347	201.4	193.5
84 STANLY	130	241.7	607	228.3	183.7
85 STOKES	80	194.8	406	206.9	184.5
86 SURRY	164	252.0	735	231.1	180.7
87 SWAIN	34	293.9	143	251.3	187.2
88 TRANSYLVANIA	81	298.1	337	252.9	171.2
89 TYRRELL	11	288.6	42	219.5	121.4
90 UNION	155	157.9	758	165.4	175.1
91 VANCE	116	289.7	480	242.6	193.5
92 WAKE	658	127.0	3248	135.6	166.4
93 WARREN	45	248.1	256	289.6	166.8
94 WASHINGTON	45	326.9	198	285.4	202.4
95 WATAUGA	59	147.0	272	141.1	167.9
96 WAYNE	226	203.6	1029	190.0	177.5
97 WILKES	111	178.9	603	197.8	159.9
98 WILSON	149	219.6	780	232.5	192.6
99 YADKIN	75	222.7	364	225.7	166.1
100 YANCEY	42	260.2	168	212.3	132.4

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Cancer - All Sites



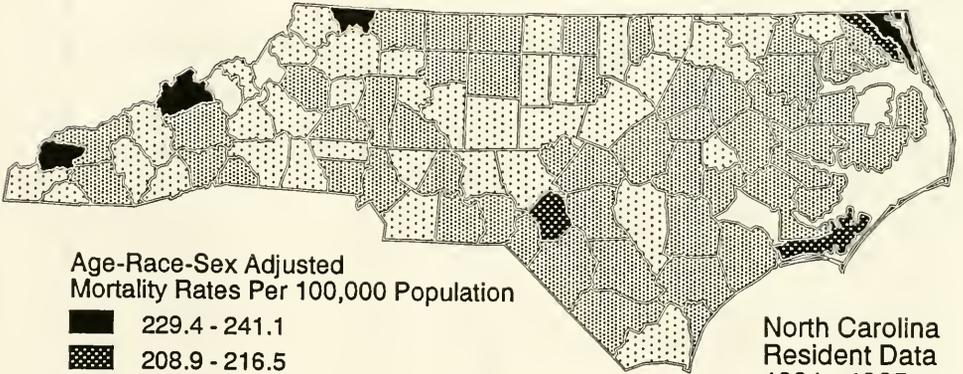
Mortality Rates Per 100,000 Population

- 268.7 - 323.8
- 219.1 - 260.2
- 165.4 - 216.8
- 135.0 - 141.1
- 98.3

North Carolina
Resident Data
1991 - 1995

Figure 9.A

Cancer - All Sites



Age-Race-Sex Adjusted
Mortality Rates Per 100,000 Population

- 229.4 - 241.1
- 208.9 - 216.5
- 177.5 - 202.4
- 144.0 - 176.3
- 121.4 - 132.4

North Carolina
Resident Data
1991 - 1995

Figure 9.B

TABLE - 10
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
CANCER - COLON, RECTUM, AND ANUS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	1580	22.0	7227	20.8	17.6

REGIONS

D.E.H.N.R. I	182	23.4	966	25.6	17.4
D.E.H.N.R. II	308	20.0	1443	19.4	17.5
D.E.H.N.R. III	354	24.7	1530	21.9	17.9
D.E.H.N.R. IV	308	21.1	1266	18.1	16.7
D.E.H.N.R. V	150	19.1	745	19.5	18.1
D.E.H.N.R. VI	175	26.4	784	24.2	19.6
D.E.H.N.R. VII	103	19.3	493	19.1	17.6

COUNTIES

1 ALAMANCE	27	23.4	130	23.2	16.7
2 ALEXANDER	5	16.6	25	17.2	14.1
3 ALLEGHANY	1	10.4	9	18.6	24.1
4 ANSON	9	37.8	37	31.2	18.6
5 ASHE	8	34.8	33	29.1	26.4
6 AVERY	2	13.2	18	23.9	13.1
7 BEAUFORT	14	32.3	49	22.8	16.0
8 BERTIE	4	19.4	26	25.4	17.3
9 BLADEN	9	30.2	41	28.0	19.8
10 BRUNSWICK	18	29.6	76	26.8	19.0
11 BUNCOMBE	47	24.9	245	26.8	18.4
12 BURKE	17	20.9	94	23.9	18.8
13 CABARRUS	20	18.1	119	22.6	18.0
14 CALDWELL	12	16.3	74	20.4	19.3
15 CAMDEN	2	31.7	11	36.0	26.9
16 CARTERET	19	33.0	65	23.3	16.7
17 CASWELL	7	32.8	32	30.3	19.2
18 CATAWBA	36	28.5	156	25.4	22.4
19 CHATHAM	13	30.3	47	22.8	17.4
20 CHEROKEE	4	18.3	26	24.6	13.1
21 CHOWAN	7	49.9	28	40.1	27.8
22 CLAY	1	12.9	13	34.9	14.2
23 CLEVELAND	14	15.7	82	18.8	14.3
24 COLUMBUS	9	17.6	54	21.4	16.9
25 CRAVEN	25	29.1	91	21.7	19.9
26 CUMBERLAND	25	8.5	163	11.3	15.6
27 CURRITUCK	6	37.9	17	22.8	20.6
28 DARE	4	15.5	22	18.2	17.6
29 DAVIDSON	32	23.4	133	20.0	17.8
30 DAVIE	7	23.5	42	28.9	21.8
31 DUPLIN	15	35.1	54	26.0	19.5
32 DURHAM	42	21.8	186	19.6	17.8
33 EDGECOMBE	16	28.2	67	23.6	17.5
34 FORSYTH	76	27.2	295	21.6	18.0
35 FRANKLIN	12	28.8	41	20.7	18.0
36 GASTON	46	25.8	196	22.1	19.7
37 GATES	5	51.0	15	31.2	22.7
38 GRAHAM	0	0.0	6	16.4	8.1
39 GRANVILLE	10	24.3	40	19.9	14.5
40 GREENE	4	23.8	14	17.3	14.1
41 GUILFORD	107	28.8	402	22.3	18.7

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
 CANCER - COLON, RECTUM, AND ANUS, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	21	36.5	74	26.0	18.3
43 HARNETT	18	23.4	81	22.3	19.4
44 HAYWOOD	16	32.0	67	27.5	17.2
45 HENDERSON	24	31.5	121	32.8	23.3
46 HERTFORD	10	44.5	40	35.6	21.6
47 HOKE	5	18.3	25	20.0	25.5
48 HYDE	3	57.6	10	37.3	24.7
49 IREDELL	27	26.1	122	24.6	18.7
50 JACKSON	2	6.9	20	14.3	10.1
51 JOHNSTON	27	28.3	93	20.8	18.6
52 JONES	2	21.0	11	23.2	15.7
53 LEE	16	34.8	52	23.7	18.8
54 LENOIR	21	35.5	83	28.4	21.4
55 LINCOLN	5	9.0	50	18.7	17.2
56 MCDOWELL	9	24.2	39	21.4	16.4
57 MACON	10	38.0	42	33.5	32.2
58 MADISON	3	16.9	14	16.1	7.6
59 MARTIN	7	27.1	40	31.1	23.2
60 MECKLENBURG	99	17.1	430	15.7	16.4
61 MITCHELL	5	33.7	23	31.7	14.8
62 MONTGOMERY	4	16.8	21	17.8	14.2
63 MOORE	25	37.5	106	33.5	18.6
64 NASH	16	19.1	82	20.3	16.4
65 NEW HANOVER	24	17.2	130	19.8	16.1
66 NORTHAMPTON	7	33.8	35	33.8	21.0
67 ONSLOW	13	8.8	78	10.5	21.1
68 ORANGE	13	12.3	64	12.6	14.0
69 PAMLICO	1	8.4	13	22.3	13.4
70 PASQUOTANK	10	30.0	49	30.1	22.7
71 PENDER	5	14.4	36	22.2	15.5
72 PERQUIMANS	1	9.4	13	24.7	15.5
73 PERSON	12	37.3	42	27.0	20.7
74 PITT	26	22.1	112	19.6	20.3
75 POLK	9	57.2	28	36.7	14.7
76 RANDOLPH	25	21.6	119	21.3	19.0
77 RICHMOND	16	35.2	63	27.9	21.6
78 ROBESON	21	18.9	108	19.9	18.1
79 ROCKINGHAM	21	23.8	110	25.3	19.1
80 ROWAN	24	20.2	129	22.4	15.2
81 RUTHERFORD	11	18.6	70	24.1	18.5
82 SAMPSON	12	23.8	58	23.6	17.4
83 SCOTLAND	6	17.3	42	24.4	23.2
84 STANLY	15	27.9	50	18.8	14.4
85 STOKES	8	19.5	28	14.3	12.9
86 SURRY	10	15.4	60	18.9	12.3
87 SWAIN	2	17.3	12	21.1	13.9
88 TRANSYLVANIA	3	11.0	34	25.5	15.3
89 TYRRELL	0	0.0	5	26.1	17.1
90 UNION	17	17.3	84	18.3	19.4
91 VANCE	9	22.5	35	17.7	12.2
92 WAKE	76	14.7	318	13.3	15.9
93 WARREN	2	11.0	26	29.4	15.9
94 WASHINGTON	5	36.3	25	36.0	24.7
95 WATAUGA	6	15.0	27	14.0	9.9
96 WAYNE	18	16.2	110	20.3	18.2
97 WILKES	9	14.5	59	19.3	14.8
98 WILSON	16	23.6	64	19.1	14.7
99 YADKIN	10	29.7	51	31.6	22.6
100 YANCEY	5	31.0	20	25.3	13.9

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Cancer - Colon, Rectum and Anus

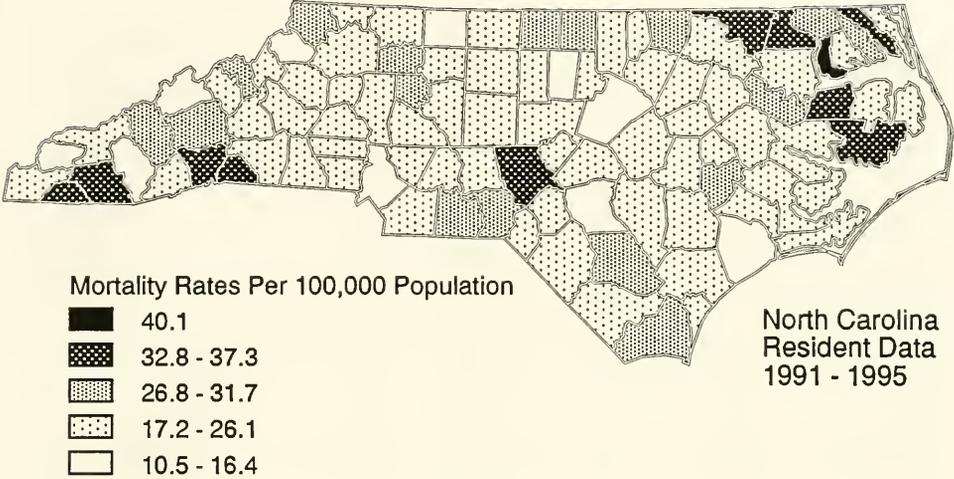


Figure 10.A

Cancer - Colon, Rectum and Anus

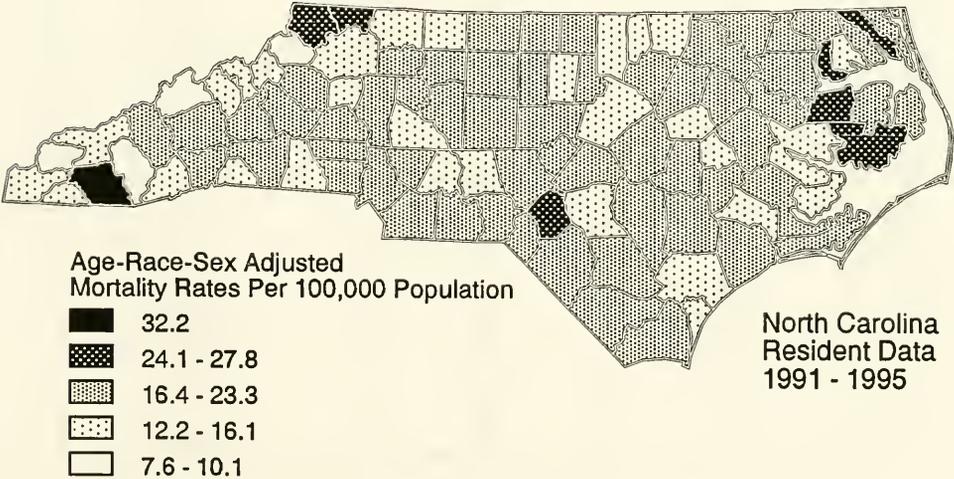


Figure 10.B

TABLE - 11
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
CANCER - TRACHEA, BRONCHUS, AND LUNG

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	4313	60.0	21062	60.5	53.9

REGIONS

D.E.H.N.R. I	580	74.7	2791	73.8	50.5
D.E.H.N.R. II	850	55.1	4212	56.8	53.5
D.E.H.N.R. III	856	59.7	4297	61.6	52.0
D.E.H.N.R. IV	750	51.3	3686	52.8	53.3
D.E.H.N.R. V	492	62.8	2238	58.7	59.1
D.E.H.N.R. VI	461	69.6	2209	68.1	59.4
D.E.H.N.R. VII	324	60.6	1629	63.1	59.6

COUNTIES

1 ALAMANCE	81	70.3	381	68.0	51.4
2 ALEXANDER	16	53.0	76	52.3	41.4
3 ALLEGHANY	8	83.2	42	86.6	59.3
4 ANSON	21	88.1	84	70.9	56.5
5 ASHE	18	78.3	90	79.3	50.7
6 AVERY	13	85.6	58	77.1	45.3
7 BEAUFORT	41	94.6	184	85.6	64.8
8 BERTIE	20	96.9	85	83.1	65.6
9 BLADEN	21	70.5	107	73.2	59.1
10 BRUNSWICK	57	93.8	230	81.2	56.6
11 BUNCOMBE	139	73.6	676	73.9	54.1
12 BURKE	45	55.3	242	61.6	48.6
13 CABARRUS	68	61.6	303	57.4	49.0
14 CALDWELL	46	62.4	256	70.7	58.0
15 CAMDEN	7	110.8	26	85.1	64.5
16 CARTERET	46	79.8	251	89.9	71.1
17 CASWELL	13	60.8	76	72.0	52.4
18 CATAWBA	85	67.3	393	64.0	56.1
19 CHATHAM	30	69.9	125	60.6	46.1
20 CHEROKEE	21	96.2	108	102.2	61.2
21 CHOWAN	11	78.4	55	78.9	54.5
22 CLAY	8	103.5	28	75.2	37.8
23 CLEVELAND	47	52.7	251	57.6	46.7
24 COLUMBUS	32	62.4	196	77.6	63.9
25 CRAVEN	47	54.8	248	59.1	54.8
26 CUMBERLAND	146	49.7	669	46.5	67.6
27 CURRITUCK	22	139.1	75	100.6	81.8
28 DARE	18	69.9	98	81.1	74.1
29 DAVIDSON	76	55.6	382	57.4	48.3
30 DAVIE	10	33.6	58	39.9	30.0
31 DUPLIN	29	67.8	148	71.2	55.4
32 DURHAM	112	58.1	574	60.5	66.3
33 EDGEcombe	36	63.4	178	62.8	58.7
34 FORSYTH	170	60.7	858	62.8	55.4
35 FRANKLIN	17	40.8	119	60.1	54.9
36 GASTON	125	70.1	616	69.4	62.4
37 GATES	6	61.2	28	58.2	44.1
38 GRAHAM	8	107.2	38	103.9	74.9
39 GRANVILLE	32	77.8	122	60.8	52.7
40 GREENE	10	59.5	50	61.9	51.1
41 GUILFORD	214	57.5	1093	60.6	54.0

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
 CANCER - TRACHEA, BRONCHUS, AND LUNG, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	38	66.1	176	61.9	48.8
43 HARNETT	53	68.9	236	64.9	61.7
44 HAYWOOD	41	82.1	193	79.1	39.0
45 HENDERSON	70	91.8	326	88.5	53.1
46 HERTFORD	26	115.7	99	88.1	62.5
47 HOKE	13	47.6	67	53.5	69.5
48 HYDE	7	134.3	24	89.6	70.1
49 IREDELL	65	62.8	317	63.9	52.5
50 JACKSON	16	55.6	83	59.3	44.6
51 JOHNSTON	71	74.4	323	72.4	63.4
52 JONES	8	84.2	32	67.6	50.0
53 LEE	24	52.2	140	63.7	50.9
54 LENOIR	43	72.8	223	76.3	62.2
55 LINCOLN	24	43.2	147	55.1	49.3
56 MCDOWELL	24	64.4	132	72.5	56.3
57 MACON	26	98.9	100	79.7	36.4
58 MADISON	8	45.0	53	61.0	32.8
59 MARTIN	26	100.6	108	84.0	66.5
60 MECKLENBURG	261	45.2	1314	47.8	53.2
61 MITCHELL	10	67.4	63	86.9	43.8
62 MONTGOMERY	14	58.8	78	66.1	55.8
63 MOORE	69	103.5	263	83.2	51.7
64 NASH	43	51.2	232	57.3	51.0
65 NEW HANOVER	83	59.5	455	69.3	59.3
66 NORTHAMPTON	14	67.5	73	70.6	43.6
67 ONSLOW	59	39.9	244	32.9	65.6
68 ORANGE	46	43.5	193	37.9	46.2
69 PAMLICO	4	33.7	54	92.8	60.3
70 PASQUOTANK	16	48.1	115	70.7	58.7
71 PENDER	18	51.9	105	64.8	50.1
72 PERQUIMANS	12	112.7	47	89.5	58.5
73 PERSON	29	90.2	120	77.2	63.2
74 PITT	51	43.4	278	48.7	55.2
75 POLK	10	63.5	60	78.7	45.7
76 RANDOLPH	65	56.3	297	53.3	45.0
77 RICHMOND	34	74.9	145	64.3	54.6
78 ROBESON	64	57.7	316	58.3	66.9
79 ROCKINGHAM	62	70.2	315	72.4	56.4
80 ROWAN	81	68.1	384	66.7	51.5
81 RUTHERFORD	52	88.0	206	70.8	51.0
82 SAMPSON	38	75.2	176	71.6	57.2
83 SCOTLAND	19	54.7	97	56.3	58.1
84 STANLY	33	61.4	184	69.2	56.4
85 STOKES	30	73.0	137	69.8	60.8
86 SURRY	49	75.3	239	75.1	56.5
87 SWAIN	5	43.2	40	70.3	51.7
88 TRANSYLVANIA	26	95.7	94	70.5	50.9
89 TYRRELL	3	78.7	11	57.5	38.1
90 UNION	45	45.8	227	49.5	50.9
91 VANCE	42	104.9	155	78.4	65.2
92 WAKE	166	32.0	861	36.0	46.0
93 WARREN	9	49.6	62	70.1	45.0
94 WASHINGTON	15	109.0	58	83.6	62.3
95 WATAUGA	12	29.9	67	34.7	45.8
96 WAYNE	68	61.3	311	57.4	55.9
97 WILKES	29	46.7	168	55.1	43.7
98 WILSON	41	60.4	233	69.4	61.3
99 YADKIN	19	56.4	94	58.3	47.8
100 YANCEY	12	74.3	35	44.2	22.8

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Cancer - Trachea, Bronchus and Lung

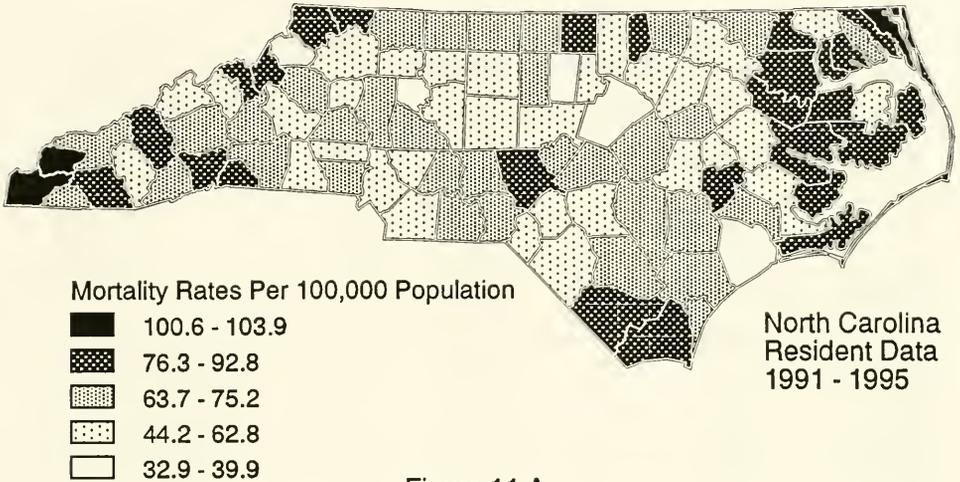


Figure 11.A

Cancer - Trachea, Bronchus and Lung

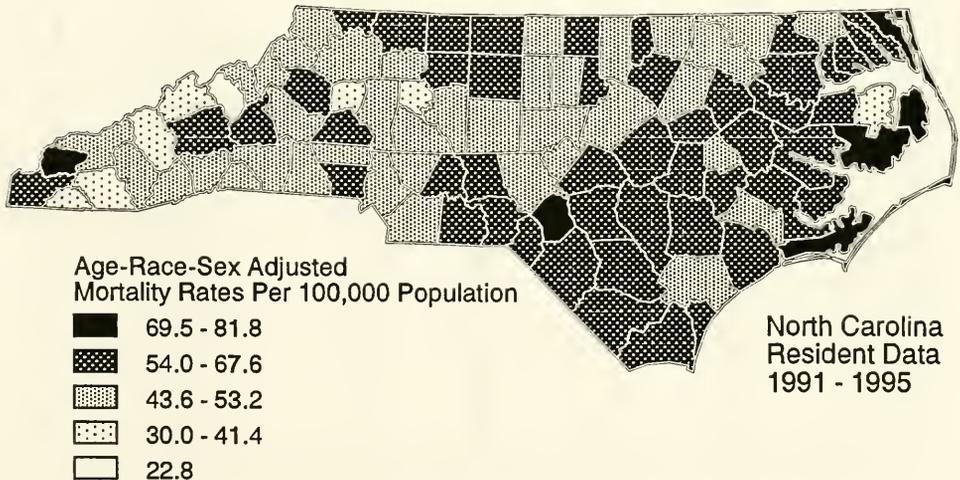


Figure 11.B

TABLE - 12
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
CANCER - FEMALE BREAST

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	1187	32.0	5758	32.1	28.3

REGIONS

D.E.H.N.R. I	152	37.8	744	38.0	28.0
D.E.H.N.R. II	225	28.3	1166	30.4	28.1
D.E.H.N.R. III	250	33.5	1162	32.0	27.5
D.E.H.N.R. IV	225	29.6	1113	30.7	28.9
D.E.H.N.R. V	134	33.5	592	30.5	28.7
D.E.H.N.R. VI	113	33.0	570	33.9	28.6
D.E.H.N.R. VII	88	33.4	411	32.6	30.0

COUNTIES

1 ALAMANCE	23	38.0	107	36.3	28.0
2 ALEXANDER	3	19.8	19	26.0	21.1
3 ALLEGHANY	2	40.1	6	23.9	12.2
4 ANSON	7	55.2	29	46.1	33.4
5 ASHE	4	33.7	19	32.5	17.9
6 AVERY	2	26.4	10	26.7	17.5
7 BEAUFORT	9	39.3	45	39.7	29.6
8 BERTIE	4	35.7	18	32.6	22.9
9 BLADEN	5	31.4	32	41.1	28.3
10 BRUNSWICK	11	35.4	47	32.4	24.2
11 BUNCOMBE	54	54.6	229	47.8	35.7
12 BURKE	12	29.0	53	26.5	24.6
13 CABARRUS	14	24.7	82	30.2	26.7
14 CALDWELL	8	21.3	45	24.4	18.7
15 CAMDEN	1	32.2	4	26.4	20.0
16 CARTERET	11	37.7	65	46.0	40.0
17 CASWELL	8	72.9	23	42.5	35.2
18 CATAWBA	18	27.8	104	33.0	29.0
19 CHATHAM	10	45.1	47	44.2	35.1
20 CHEROKEE	4	35.4	15	27.4	15.9
21 CHOWAN	4	53.0	13	34.7	22.7
22 CLAY	1	24.9	9	46.7	24.4
23 CLEVELAND	15	32.4	58	25.6	20.7
24 COLUMBUS	16	58.7	48	35.8	28.6
25 CRAVEN	10	23.1	60	28.3	26.5
26 CUMBERLAND	35	24.3	148	21.2	25.8
27 CURRITUCK	2	25.5	16	43.3	37.9
28 DARE	6	46.3	22	36.2	36.5
29 DAVIDSON	18	25.9	86	25.4	22.1
30 DAVIE	6	39.6	16	21.6	15.1
31 DUPLIN	11	49.6	49	45.4	38.6
32 DURHAM	34	33.4	159	31.8	29.3
33 EDGECOMBE	7	22.5	59	38.1	34.2
34 FORSYTH	49	33.2	233	32.3	27.9
35 FRANKLIN	12	55.4	41	39.8	30.4
36 GASTON	31	33.5	155	33.7	30.2
37 GATES	3	60.4	7	28.7	14.8
38 GRAHAM	0	0.0	4	21.8	13.4
39 GRANVILLE	7	33.7	36	35.5	32.0
40 GREENE	2	24.1	13	32.4	25.2
41 GUILFORD	71	36.2	304	32.0	27.8

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
 CANCER - FEMALE BREAST, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	12	39.6	64	42.7	36.5
43 HARNETT	13	32.8	57	30.4	28.1
44 HAYWOOD	9	34.3	53	41.4	31.5
45 HENDERSON	17	42.6	91	47.2	26.7
46 HERTFORD	3	24.6	19	31.3	19.8
47 HOKE	5	36.8	16	25.6	30.3
48 HYDE	0	0.0	6	43.7	35.9
49 IREDELL	19	35.6	75	29.3	25.7
50 JACKSON	2	13.3	17	23.4	16.6
51 JOHNSTON	13	26.5	60	26.1	22.2
52 JONES	2	39.6	6	23.9	16.5
53 LEE	8	33.6	30	26.4	21.8
54 LENOIR	14	44.2	73	46.7	37.8
55 LINCOLN	4	14.2	47	34.7	32.9
56 MCDOWELL	10	52.5	32	34.3	26.4
57 MACON	5	36.4	37	56.5	64.6
58 MADISON	6	66.7	21	47.7	29.7
59 MARTIN	4	29.2	23	33.7	29.2
60 MECKLENBURG	86	28.7	424	29.7	31.1
61 MITCHELL	0	0.0	11	29.1	16.8
62 MONTGOMERY	4	34.3	21	36.2	31.1
63 MOORE	15	42.9	77	46.5	31.2
64 NASH	18	40.9	80	37.6	32.3
65 NEW HANOVER	25	34.0	124	35.9	31.3
66 NORTHAMPTON	1	9.3	24	44.8	25.0
67 ONSLOW	11	17.7	47	15.5	24.1
68 ORANGE	15	26.9	70	26.1	29.9
69 PAMLICO	3	48.5	15	49.5	31.8
70 PASQUOTANK	4	22.5	30	34.7	28.3
71 PENDER	3	16.8	31	37.1	29.3
72 PERQUIMANS	1	18.1	9	33.0	21.1
73 PERSON	10	59.7	37	45.6	33.6
74 PITT	14	22.7	83	27.7	28.3
75 POLK	3	35.6	17	41.7	24.3
76 RANDOLPH	17	28.8	93	32.7	29.0
77 RICHMOND	11	46.4	59	50.1	38.3
78 ROBESON	15	25.6	77	26.9	25.2
79 ROCKINGHAM	18	38.8	83	36.4	29.5
80 ROWAN	24	39.4	98	33.2	25.6
81 RUTHERFORD	7	22.9	47	31.2	23.5
82 SAMPSON	16	60.2	49	37.9	28.8
83 SCOTLAND	8	42.9	27	29.2	29.6
84 STANLY	6	21.6	45	32.7	29.8
85 STOKES	2	9.6	25	25.0	29.7
86 SURRY	13	38.3	63	38.0	31.4
87 SWAIN	1	17.5	10	35.3	30.0
88 TRANSYLVANIA	8	57.3	27	39.5	26.3
89 TYRRELL	1	50.4	5	50.0	32.2
90 UNION	5	10.0	59	25.3	25.8
91 VANCE	6	28.3	35	33.4	30.5
92 WAKE	54	20.4	282	23.0	26.0
93 WARREN	4	42.4	21	45.7	27.1
94 WASHINGTON	3	41.2	15	41.0	33.9
95 WATAUGA	2	9.7	18	18.2	15.7
96 WAYNE	23	41.7	88	32.6	27.8
97 WILKES	10	31.5	44	28.2	23.0
98 WILSON	14	38.6	68	37.9	32.2
99 YADKIN	7	40.4	42	50.6	38.0
100 YANCEY	3	36.0	16	39.2	23.0

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Cancer - Female Breast

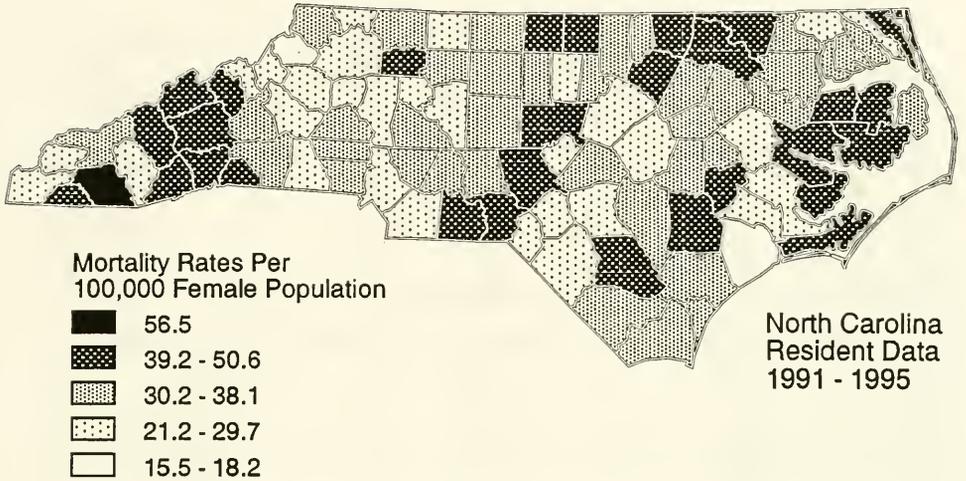


Figure 12.A

Cancer - Female Breast

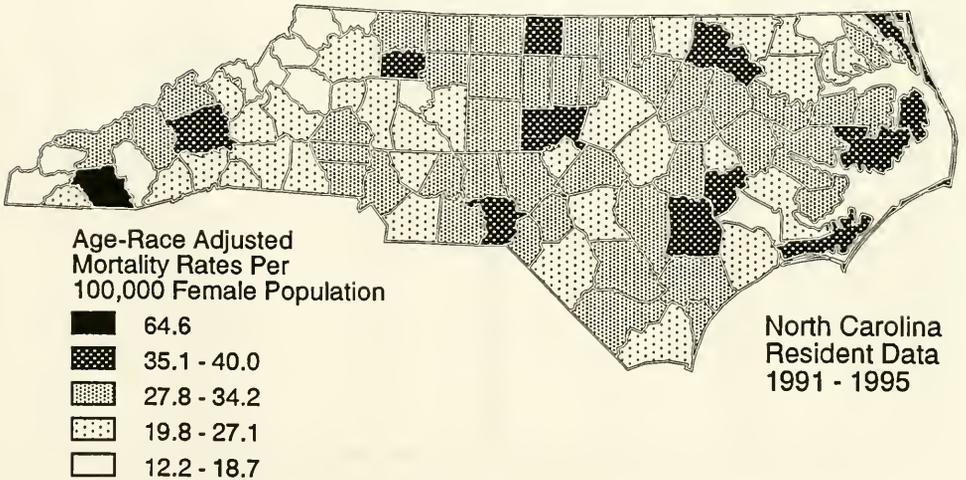


Figure 12.B

TABLE - 13
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
CANCER - PROSTATE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	1002	28.8	4997	29.6	25.0

REGIONS

D.E.H.N.R. I	139	37.1	649	35.6	23.1
D.E.H.N.R. II	175	23.5	940	26.2	25.6
D.E.H.N.R. III	216	31.5	1048	31.4	25.9
D.E.H.N.R. IV	182	26.0	934	27.9	24.5
D.E.H.N.R. V	111	28.9	532	28.4	24.8
D.E.H.N.R. VI	105	32.9	525	33.6	23.8
D.E.H.N.R. VII	74	27.3	369	27.9	27.3

COUNTIES

1 ALAMANCE	17	31.1	93	35.0	25.1
2 ALEXANDER	3	20.0	15	20.7	33.4
3 ALLEGHANY	2	43.1	9	38.5	15.0
4 ANSON	4	35.8	19	34.2	16.4
5 ASHE	1	9.0	22	40.0	17.8
6 AVERY	3	39.4	7	18.6	8.1
7 BEAUFORT	7	34.2	43	42.4	25.0
8 BERTIE	3	31.8	31	66.0	31.2
9 BLADEN	9	64.8	34	49.7	28.5
10 BRUNSWICK	9	30.4	48	34.7	23.3
11 BUNCOMBE	39	43.4	179	41.2	27.8
12 BURKE	7	17.5	51	26.4	20.8
13 CABARRUS	13	24.3	53	20.7	18.6
14 CALDWELL	8	22.1	49	27.6	23.9
15 CAMDEN	1	31.2	5	32.4	19.9
16 CARTERET	11	38.7	41	29.8	26.1
17 CASWELL	6	57.7	27	52.5	31.5
18 CATAWBA	18	29.3	82	27.5	25.6
19 CHATHAM	2	9.6	28	28.0	18.8
20 CHEROKEE	1	9.5	16	31.5	20.3
21 CHOWAN	3	46.2	10	30.9	15.1
22 CLAY	4	107.5	10	55.6	15.8
23 CLEVELAND	12	28.0	70	33.5	26.6
24 COLUMBUS	13	54.2	49	41.3	27.6
25 CRAVEN	13	30.6	53	25.5	22.0
26 CUMBERLAND	20	13.4	110	14.9	24.0
27 CURRITUCK	2	25.1	16	42.6	37.2
28 DARE	3	23.4	16	26.6	26.7
29 DAVIDSON	17	25.3	91	27.9	24.9
30 DAVIE	3	20.6	27	37.9	34.3
31 DUPLIN	6	29.1	43	43.0	24.3
32 DURHAM	24	26.3	133	29.7	26.4
33 EDGECOMBE	9	35.0	49	38.0	28.4
34 FORSYTH	42	31.8	182	28.2	22.9
35 FRANKLIN	9	45.1	28	29.5	20.5
36 GASTON	23	26.8	92	21.5	21.3
37 GATES	3	62.1	10	42.2	29.2
38 GRAHAM	3	80.9	11	60.5	24.2
39 GRANVILLE	3	14.7	38	38.2	25.8
40 GREENE	2	23.6	8	19.7	17.3
41 GUILFORD	59	33.5	272	31.9	27.2

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
 CANCER - PROSTATE, CONTD

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	11	40.5	64	47.6	25.1
43 HARNETT	9	24.1	48	27.2	24.4
44 HAYWOOD	6	25.3	42	36.2	14.6
45 HENDERSON	17	46.7	90	51.2	20.8
46 HERTFORD	6	58.3	27	52.2	25.5
47 HOKE	4	29.1	24	38.2	42.1
48 HYDE	1	39.4	5	38.3	19.9
49 IREDELL	7	14.0	57	23.7	19.2
50 JACKSON	7	50.7	23	34.2	24.6
51 JOHNSTON	15	32.4	68	31.5	28.6
52 JONES	0	0.0	3	13.5	8.8
53 LEE	6	27.0	33	31.1	25.4
54 LENOIR	10	36.5	50	36.8	21.3
55 LINCOLN	8	29.2	36	27.4	34.7
56 MCDOWELL	7	38.5	24	27.0	24.0
57 MACON	6	47.8	23	38.3	11.2
58 MADISON	3	34.1	13	30.3	153.3
59 MARTIN	8	65.9	28	46.3	22.3
60 MECKLENBURG	51	18.4	307	23.2	26.0
61 MITCHELL	1	14.1	9	26.0	10.8
62 MONTGOMERY	5	41.1	16	26.7	21.6
63 MOORE	15	47.3	75	49.8	27.6
64 NASH	8	20.0	62	32.2	25.2
65 NEW HANOVER	17	25.7	92	29.6	24.8
66 NORTHAMPTON	9	90.4	26	52.1	26.6
67 ONSLOW	9	10.5	52	11.9	32.9
68 ORANGE	16	32.0	54	22.4	24.1
69 PAMLICO	3	52.8	16	57.5	29.2
70 PASQUOTANK	6	38.6	23	30.2	18.5
71 PENDER	9	53.7	44	56.1	36.0
72 PERQUIMANS	3	58.6	12	47.6	22.5
73 PERSON	4	26.0	22	29.6	19.3
74 PITT	13	23.3	73	26.9	25.1
75 POLK	8	109.4	21	59.1	27.0
76 RANDOLPH	17	30.1	81	29.7	28.2
77 RICHMOND	11	50.7	41	38.1	24.5
78 ROBESON	18	34.4	94	36.7	24.5
79 ROCKINGHAM	22	52.4	86	41.6	29.8
80 ROWAN	20	34.5	125	44.7	31.7
81 RUTHERFORD	6	21.0	41	29.2	22.6
82 SAMPSON	7	29.2	42	36.0	22.8
83 SCOTLAND	9	56.0	29	36.3	31.0
84 STANLY	10	38.5	43	33.5	25.6
85 STOKES	5	24.8	33	34.2	27.3
86 SURRY	8	25.7	47	30.9	24.1
87 SWAIN	3	51.4	6	21.0	15.9
88 TRANSYLVANIA	9	68.1	28	43.1	25.2
89 TYRRELL	2	109.5	6	65.6	27.6
90 UNION	10	20.8	60	26.7	32.2
91 VANCE	6	31.9	31	33.3	18.4
92 WAKE	47	18.6	215	18.4	24.7
93 WARREN	3	34.5	30	70.7	25.3
94 WASHINGTON	1	15.4	11	33.6	16.9
95 WATAUGA	3	15.3	20	21.3	30.1
96 WAYNE	15	26.8	79	29.1	26.3
97 WILKES	9	29.7	34	22.8	23.5
98 WILSON	10	31.7	53	33.9	24.8
99 YADKIN	5	30.6	24	30.7	23.9
100 YANCEY	1	12.8	6	15.7	6.2

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Cancer - Prostate

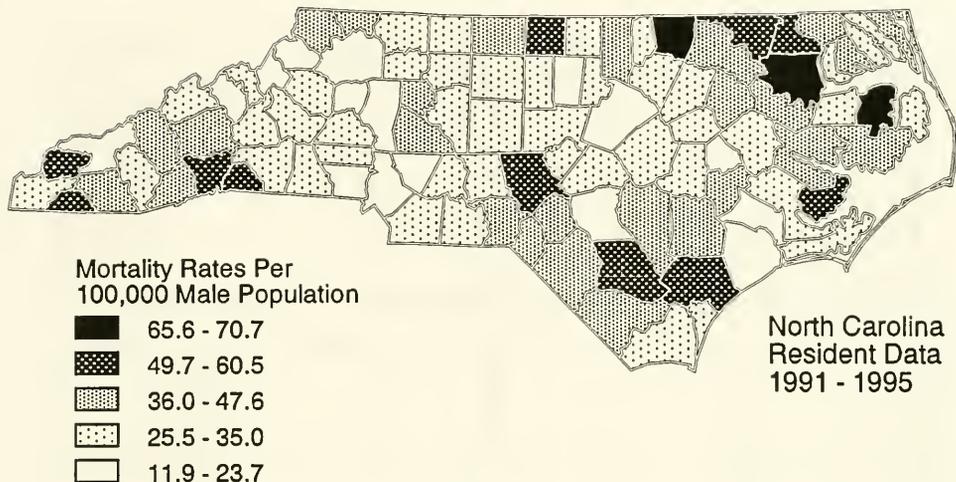


Figure 13.A

Cancer - Prostate

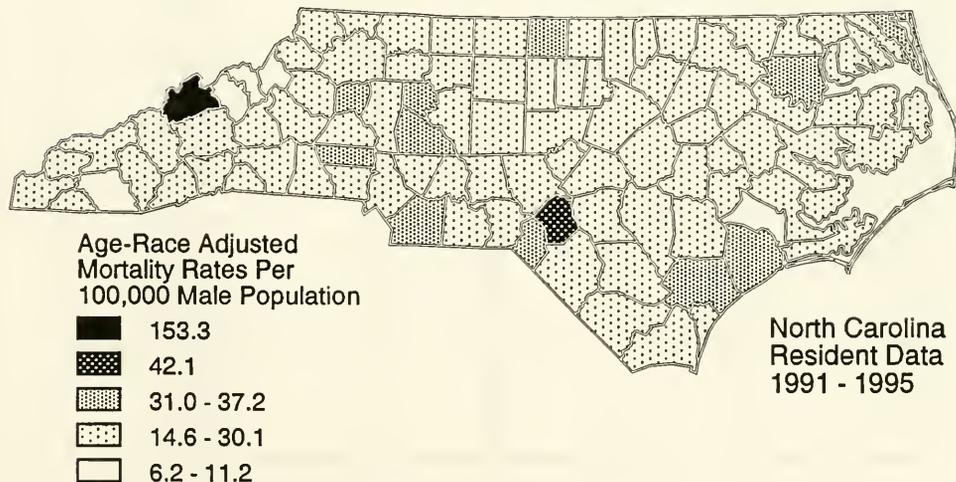


Figure 13.B

TABLE - 14
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
ACQUIRED IMMUNE DEFICIENCY SYNDROME (AIDS)

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	1011	14.1	4001	11.5	9.9

REGIONS

D.E.H.N.R. I	44	5.7	214	5.7	7.0
D.E.H.N.R. II	263	17.1	1058	14.3	13.4
D.E.H.N.R. III	176	12.3	694	10.0	9.8
D.E.H.N.R. IV	280	19.2	1039	14.9	10.8
D.E.H.N.R. V	88	11.2	385	10.1	7.3
D.E.H.N.R. VI	101	15.3	370	11.4	8.5
D.E.H.N.R. VII	59	11.0	241	9.3	8.2

COUNTIES

1 ALAMANCE	10	8.7	51	9.1	8.3
2 ALEXANDER	1	3.3	5	3.4	4.4
3 ALLEGHANY	0	0.0	2	4.1	2.7
4 ANSON	3	12.6	13	11.0	6.1
5 ASHE	1	4.3	1	0.9	0.8
6 AVERY	0	0.0	2	2.7	1.8
7 BEAUFORT	10	23.1	32	14.9	13.7
8 BERTIE	1	4.8	6	5.9	4.4
9 BLADEN	5	16.8	13	8.9	5.2
10 BRUNSWICK	6	9.9	24	8.5	7.7
11 BUNCOMBE	20	10.6	95	10.4	12.7
12 BURKE	7	8.6	17	4.3	3.9
13 CABARRUS	6	5.4	41	7.8	7.9
14 CALDWELL	1	1.4	12	3.3	4.3
15 CAMDEN	0	0.0	1	3.3	3.6
16 CARTERET	2	3.5	10	3.6	3.5
17 CASWELL	0	0.0	7	6.6	4.8
18 CATAWBA	12	9.5	42	6.8	8.0
19 CHATHAM	3	7.0	11	5.3	4.7
20 CHEROKEE	2	9.2	6	5.7	6.0
21 CHOWAN	0	0.0	5	7.2	5.7
22 CLAY	0	0.0	1	2.7	1.7
23 CLEVELAND	8	9.0	35	8.0	7.4
24 COLUMBUS	5	9.8	30	11.9	8.3
25 CRAVEN	10	11.7	40	9.5	8.0
26 CUMBERLAND	40	13.6	152	10.6	7.6
27 CURRITUCK	1	6.3	4	5.4	9.3
28 DARE	0	0.0	4	3.3	2.0
29 DAVIDSON	7	5.1	43	6.5	8.1
30 DAVIE	1	3.4	6	4.1	7.4
31 DUPLIN	6	14.0	25	12.0	8.2
32 DURHAM	88	45.6	285	30.0	18.9
33 EDGECOMBE	8	14.1	31	10.9	5.3
34 FORSYTH	46	16.4	178	13.0	10.5
35 FRANKLIN	2	4.8	22	11.1	7.7
36 GASTON	31	17.4	106	11.9	14.0
37 GATES	1	10.2	3	6.2	7.5
38 GRAHAM	0	0.0	2	5.5	3.9
39 GRANVILLE	3	7.3	25	12.5	7.5
40 GREENE	3	17.9	4	5.0	2.4
41 GUILFORD	88	23.6	332	18.4	14.2

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
ACQUIRED IMMUNE DEFICIENCY SYNDROME (AIDS), CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	12	20.9	35	12.3	8.3
43 HARNETT	6	7.8	31	8.5	7.9
44 HAYWOOD	1	2.0	12	4.9	6.9
45 HENDERSON	3	3.9	17	4.6	5.3
46 HERTFORD	4	17.8	13	11.6	8.8
47 HOKE	2	7.3	14	11.2	4.1
48 HYDE	2	38.4	2	7.5	4.2
49 IREDELL	6	5.8	23	4.6	4.8
50 JACKSON	0	0.0	4	2.9	2.2
51 JOHNSTON	14	14.7	47	10.5	11.3
52 JONES	1	10.5	4	8.4	8.6
53 LEE	4	8.7	14	6.4	5.3
54 LENOIR	12	20.3	41	14.0	9.8
55 LINCOLN	1	1.8	12	4.5	4.2
56 MCDOWELL	0	0.0	3	1.6	1.4
57 MACON	1	3.8	5	4.0	3.5
58 MADISON	0	0.0	0	0.0	0.0
59 MARTIN	1	3.9	9	7.0	4.3
60 MECKLENBURG	176	30.5	703	25.6	18.9
61 MITCHELL	0	0.0	3	4.1	3.6
62 MONTGOMERY	1	4.2	12	10.2	7.7
63 MOORE	2	3.0	18	5.7	6.6
64 NASH	11	13.1	44	10.9	8.2
65 NEW HANOVER	26	18.6	98	14.9	14.0
66 NORTHAMPTON	9	43.4	17	16.4	7.4
67 ONSLOW	5	3.4	38	5.1	5.3
68 ORANGE	8	7.6	42	8.3	7.8
69 PAMLICO	1	8.4	6	10.3	10.3
70 PASQUOTANK	4	12.0	15	9.2	7.1
71 PENDER	9	26.0	16	9.9	8.1
72 PERQUIMANS	1	9.4	1	1.9	1.0
73 PERSON	0	0.0	6	3.9	3.5
74 PITT	26	22.1	93	16.3	11.8
75 POLK	2	12.7	6	7.9	7.1
76 RANDOLPH	7	6.1	23	4.1	5.5
77 RICHMOND	3	6.6	20	8.9	7.0
78 ROBESON	17	15.3	60	11.1	7.0
79 ROCKINGHAM	10	11.3	30	6.9	6.2
80 ROWAN	15	12.6	49	8.5	8.9
81 RUTHERFORD	3	5.1	14	4.8	5.9
82 SAMPSON	5	9.9	33	13.4	11.6
83 SCOTLAND	4	11.5	19	11.0	9.2
84 STANLY	0	0.0	11	4.1	4.7
85 STOKES	0	0.0	3	1.5	1.1
86 SURRY	2	3.1	7	2.2	3.5
87 SWAIN	0	0.0	3	5.3	4.9
88 TRANSYLVANIA	3	11.0	10	7.5	9.1
89 TYRRELL	0	0.0	0	0.0	0.0
90 UNION	7	7.1	31	6.8	6.9
91 VANCE	9	22.5	37	18.7	12.5
92 WAKE	88	17.0	355	14.8	11.9
93 WARREN	4	22.1	11	12.4	6.6
94 WASHINGTON	3	21.8	12	17.3	8.8
95 WATAUGA	1	2.5	3	1.6	1.4
96 WAYNE	20	18.0	75	13.8	10.0
97 WILKES	1	1.6	6	2.0	2.8
98 WILSON	17	25.1	57	17.0	11.0
99 YADKIN	2	5.9	2	1.2	0.9
100 YANCEY	1	6.2	2	2.5	2.4

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

STATE CENTER FOR HEALTH STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES

Acquired Immune Deficiency Syndrome

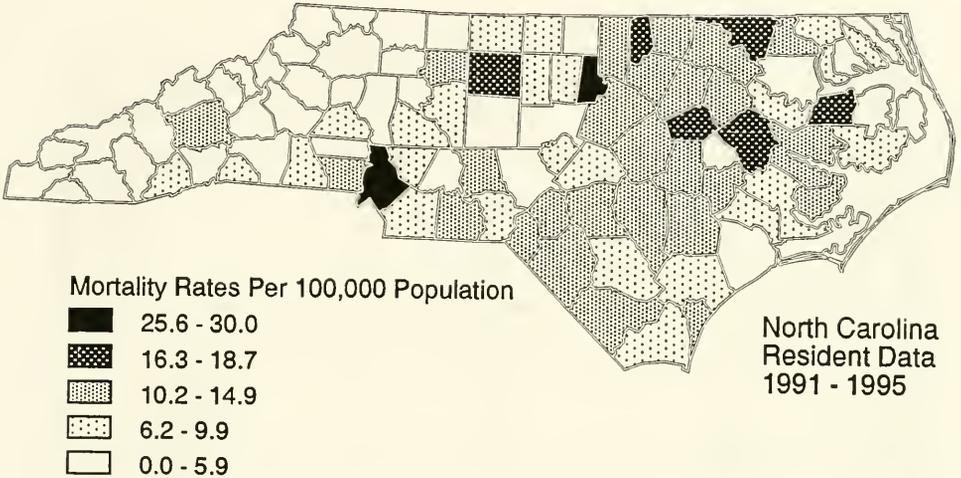


Figure 14.A

Acquired Immune Deficiency Syndrome

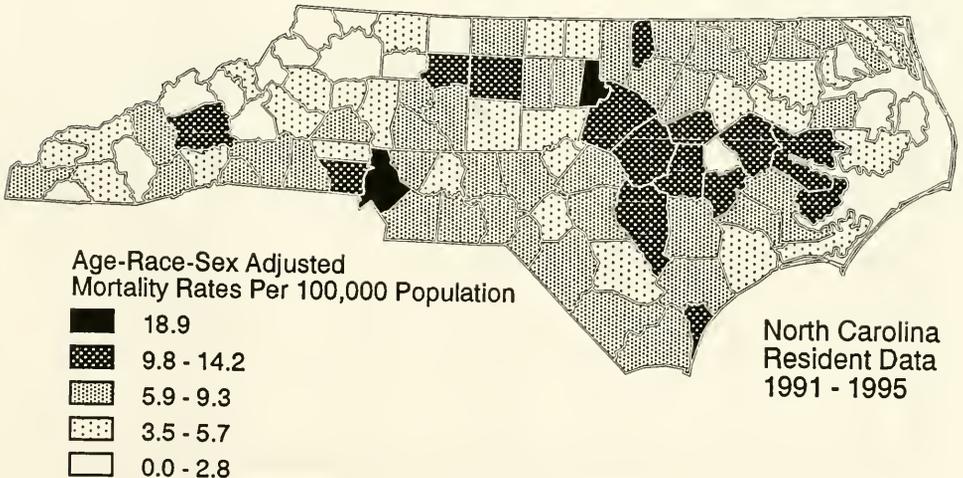


Figure 14.B

TABLE - 15
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
SEPTICEMIA

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	669	9.3	3062	8.8	7.1

REGIONS

D.E.H.N.R. I	87	11.2	377	10.0	6.1
D.E.H.N.R. II	126	8.2	587	7.9	6.9
D.E.H.N.R. III	129	9.0	631	9.0	7.1
D.E.H.N.R. IV	140	9.6	621	8.9	7.6
D.E.H.N.R. V	78	9.9	344	9.0	7.9
D.E.H.N.R. VI	80	12.1	341	10.5	7.9
D.E.H.N.R. VII	29	5.4	161	6.2	5.6

COUNTIES

1 ALAMANCE	13	11.3	60	10.7	7.9
2 ALEXANDER	2	6.6	10	6.9	7.2
3 ALLEGHANY	0	0.0	7	14.4	22.1
4 ANSON	2	8.4	8	6.8	4.0
5 ASHE	3	13.0	9	7.9	3.5
6 AVERY	2	13.2	7	9.3	4.8
7 BEAUFORT	7	16.2	33	15.4	9.3
8 BERTIE	1	4.8	7	6.8	5.6
9 BLADEN	7	23.5	22	15.0	11.5
10 BRUNSWICK	2	3.3	13	4.6	3.7
11 BUNCOMBE	25	13.2	102	11.2	6.8
12 BURKE	2	2.5	21	5.3	3.7
13 CABARRUS	10	9.1	48	9.1	7.6
14 CALDWELL	5	6.8	21	5.8	5.4
15 CAMDEN	1	15.8	1	3.3	3.2
16 CARTERET	0	0.0	14	5.0	3.5
17 CASWELL	3	14.0	9	8.5	6.0
18 CATAWBA	15	11.9	44	7.2	6.2
19 CHATHAM	4	9.3	21	10.2	6.9
20 CHEROKEE	6	27.5	12	11.4	5.6
21 CHOWAN	1	7.1	7	10.0	6.0
22 CLAY	1	12.9	2	5.4	2.3
23 CLEVELAND	11	12.3	51	11.7	8.9
24 COLUMBUS	7	13.7	42	16.6	11.5
25 CRAVEN	17	19.8	45	10.7	9.1
26 CUMBERLAND	18	6.1	84	5.8	7.7
27 CURRITUCK	2	12.6	8	10.7	12.3
28 DARE	2	7.8	12	9.9	10.7
29 DAVIDSON	7	5.1	43	6.5	5.7
30 DAVIE	2	6.7	17	11.7	9.1
31 DUPLIN	4	9.4	20	9.6	6.7
32 DURHAM	17	8.8	102	10.8	8.7
33 EDGECOMBE	9	15.8	43	15.2	9.2
34 FORSYTH	27	9.6	143	10.5	8.1
35 FRANKLIN	6	14.4	19	9.6	6.6
36 GASTON	11	6.2	62	7.0	5.6
37 GATES	0	0.0	3	6.2	6.4
38 GRAHAM	0	0.0	1	2.7	1.2
39 GRANVILLE	3	7.3	23	11.5	9.6
40 GREENE	5	29.8	9	11.1	9.5
41 GUILFORD	29	7.8	126	7.0	5.6

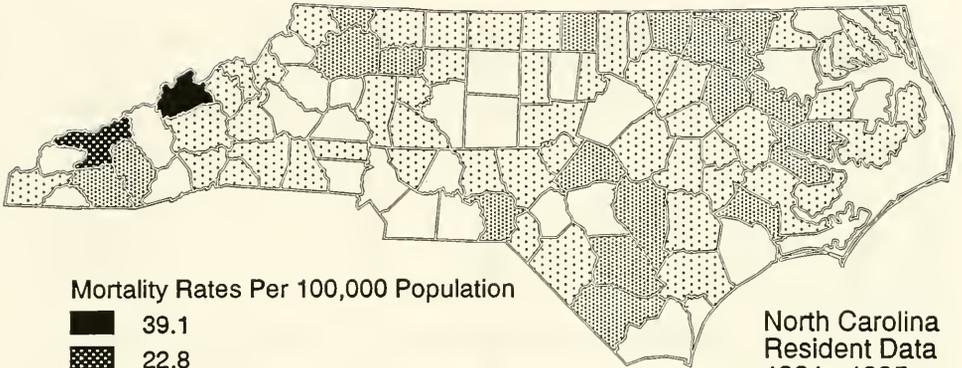
*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
SEPTICEMIA, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	6	10.4	37	13.0	7.9
43 HARNETT	7	9.1	48	13.2	11.2
44 HAYWOOD	3	6.0	18	7.4	8.3
45 HENDERSON	9	11.8	38	10.3	6.9
46 HERTFORD	0	0.0	12	10.7	6.3
47 HOKE	3	11.0	9	7.2	7.5
48 HYDE	1	19.2	3	11.2	5.0
49 IREDELL	9	8.7	51	10.3	8.2
50 JACKSON	8	27.8	23	16.4	9.7
51 JOHNSTON	6	6.3	38	8.5	7.0
52 JONES	1	10.5	7	14.8	10.3
53 LEE	5	10.9	19	8.6	6.4
54 LENOIR	7	11.8	33	11.3	7.5
55 LINCOLN	2	3.6	24	9.0	10.5
56 MCDOWELL	3	8.1	18	9.9	7.8
57 MACON	4	15.2	16	12.7	4.7
58 MADISON	8	45.0	34	39.1	14.9
59 MARTIN	4	15.5	16	12.4	7.3
60 MECKLENBURG	50	8.7	201	7.3	6.9
61 MITCHELL	3	20.2	8	11.0	5.0
62 MONTGOMERY	0	0.0	10	8.5	6.7
63 MOORE	9	13.5	25	7.9	5.4
64 NASH	11	13.1	37	9.1	6.6
65 NEW HANOVER	11	7.9	35	5.3	4.2
66 NORTHAMPTON	5	24.1	15	14.5	9.0
67 ONSLOW	3	2.0	24	3.2	6.9
68 ORANGE	7	6.6	32	6.3	7.4
69 PAMLICO	1	8.4	5	8.6	4.4
70 PASQUOTANK	2	6.0	16	9.8	7.7
71 PENDER	2	5.8	13	8.0	5.9
72 PERQUIMANS	2	18.8	5	9.5	5.6
73 PERSON	7	21.8	19	12.2	9.5
74 PITT	16	13.6	64	11.2	10.3
75 POLK	1	6.4	6	7.9	2.5
76 RANDOLPH	11	9.5	41	7.4	7.6
77 RICHMOND	7	15.4	28	12.4	9.3
78 ROBESON	15	13.5	52	9.6	7.6
79 ROCKINGHAM	11	12.5	39	9.0	6.2
80 ROWAN	7	5.9	53	9.2	6.4
81 RUTHERFORD	4	6.8	23	7.9	5.0
82 SAMPSON	8	15.8	40	16.3	11.0
83 SCOTLAND	2	5.8	18	10.4	8.7
84 STANLY	3	5.6	18	6.8	5.8
85 STOKES	4	9.7	18	9.2	7.0
86 SURRY	2	3.1	31	9.7	6.9
87 SWAIN	2	17.3	13	22.8	15.2
88 TRANSYLVANIA	1	3.7	7	5.3	2.1
89 TYRRELL	0	0.0	1	5.2	3.5
90 UNION	6	6.1	25	5.5	5.1
91 VANCE	9	22.5	23	11.6	8.1
92 WAKE	34	6.6	145	6.1	7.1
93 WARREN	2	11.0	13	14.7	8.3
94 WASHINGTON	4	29.1	6	8.6	7.8
95 WATAUGA	3	7.5	11	5.7	13.4
96 WAYNE	6	5.4	48	8.9	8.5
97 WILKES	11	17.7	50	16.4	12.7
98 WILSON	9	13.3	35	10.4	7.7
99 YADKIN	3	8.9	27	16.7	10.9
100 YANCEY	0	0.0	7	8.8	4.0

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Septicemia



Mortality Rates Per 100,000 Population

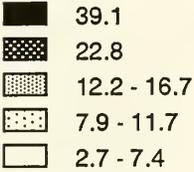
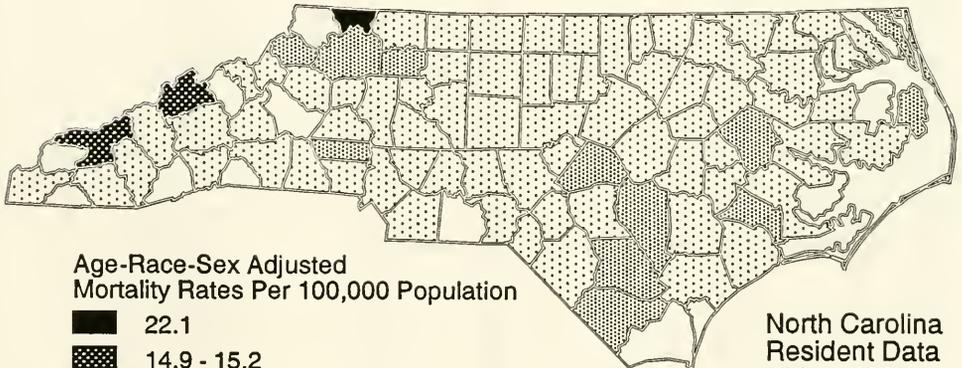


Figure 15.A

Septicemia



Age-Race-Sex Adjusted
Mortality Rates Per 100,000 Population

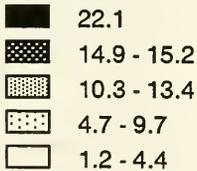


Figure 15.B

TABLE - 16
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
DIABETES MELLITUS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	1747	24.3	7800	22.4	19.3

REGIONS

D.E.H.N.R. I	193	24.8	912	24.1	20.4
D.E.H.N.R. II	330	21.4	1512	20.4	19.6
D.E.H.N.R. III	380	26.5	1566	22.5	19.2
D.E.H.N.R. IV	363	24.8	1569	22.5	19.7
D.E.H.N.R. V	195	24.9	883	23.2	19.7
D.E.H.N.R. VI	176	26.6	853	26.3	19.2
D.E.H.N.R. VII	110	20.6	505	19.6	18.5

COUNTIES

1 ALAMANCE	45	39.0	189	33.7	25.5
2 ALEXANDER	6	19.9	20	13.8	16.7
3 ALLEGHANY	5	52.0	9	18.6	25.7
4 ANSON	3	12.6	20	16.9	9.7
5 ASHE	11	47.8	33	29.1	14.1
6 AVERY	0	0.0	15	19.9	10.2
7 BEAUFORT	20	46.2	86	40.0	26.0
8 BERTIE	10	48.5	43	42.0	25.7
9 BLADEN	10	33.6	42	28.7	18.8
10 BRUNSWICK	15	24.7	79	27.9	20.9
11 BUNCOMBE	45	23.8	211	23.1	19.6
12 BURKE	23	28.2	106	27.0	20.6
13 CABARRUS	25	22.7	92	17.4	14.6
14 CALDWELL	18	24.4	102	28.2	27.6
15 CAMDEN	0	0.0	3	9.8	7.8
16 CARTERET	14	24.3	58	20.8	19.3
17 CASWELL	5	23.4	31	29.4	15.9
18 CATAWBA	30	23.8	135	22.0	24.1
19 CHATHAM	12	28.0	64	31.1	21.4
20 CHEROKEE	4	18.3	14	13.2	14.0
21 CHOWAN	3	21.4	16	22.9	11.5
22 CLAY	4	51.7	7	18.8	25.1
23 CLEVELAND	33	37.0	111	25.5	20.7
24 COLUMBUS	11	21.5	61	24.1	17.1
25 CRAVEN	20	23.3	73	17.4	15.0
26 CUMBERLAND	49	16.7	239	16.6	22.1
27 CURRITUCK	1	6.3	8	10.7	11.0
28 DARE	1	3.9	10	8.3	6.3
29 DAVIDSON	39	28.5	131	19.7	17.8
30 DAVIE	9	30.3	34	23.4	18.3
31 DUPLIN	16	37.4	65	31.3	19.8
32 DURHAM	52	27.0	196	20.7	17.6
33 EDGECOMBE	25	44.0	90	31.7	23.7
34 FORSYTH	93	33.2	356	26.1	21.3
35 FRANKLIN	15	36.0	67	33.8	24.8
36 GASTON	40	22.4	191	21.5	19.8
37 GATES	4	40.8	10	20.8	12.5
38 GRAHAM	5	67.0	16	43.8	78.4
39 GRANVILLE	9	21.9	57	28.4	19.7
40 GREENE	1	6.0	21	26.0	21.5
41 GUILFORD	79	21.2	342	19.0	16.1

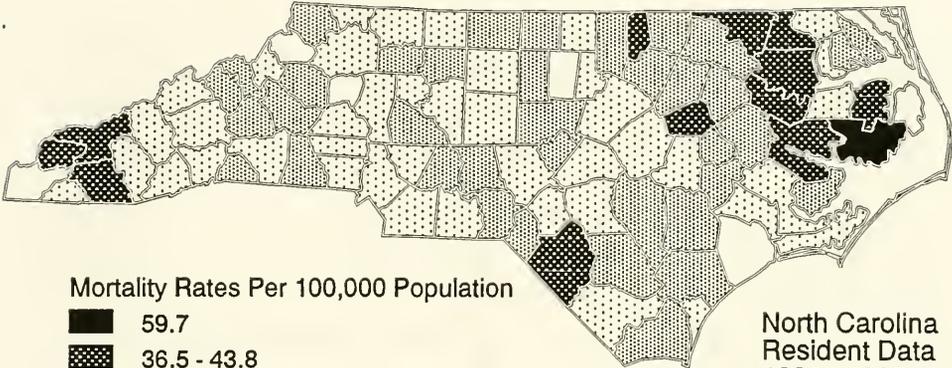
*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
DIABETES MELLITUS, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	16	27.8	86	30.2	21.0
43 HARNETT	22	28.6	84	23.1	20.9
44 HAYWOOD	8	16.0	57	23.4	17.5
45 HENDERSON	12	15.7	59	16.0	15.9
46 HERTFORD	6	26.7	45	40.0	24.6
47 HOKE	3	11.0	22	17.6	15.3
48 HYDE	3	57.6	16	59.7	33.9
49 IREDELL	16	15.5	87	17.5	16.4
50 JACKSON	8	27.8	29	20.7	21.8
51 JOHNSTON	21	22.0	92	20.6	18.4
52 JONES	1	10.5	11	23.2	13.3
53 LEE	14	30.4	57	25.9	21.1
54 LENOIR	16	27.1	92	31.5	21.3
55 LINCOLN	12	21.6	42	15.7	15.1
56 MCDOWELL	14	37.6	54	29.7	22.9
57 MACON	12	45.7	49	39.0	30.8
58 MADISON	4	22.5	19	21.9	9.7
59 MARTIN	12	46.4	47	36.5	20.9
60 MECKLENBURG	103	17.8	507	18.5	19.4
61 MITCHELL	5	33.7	25	34.5	17.2
62 MONTGOMERY	8	33.6	33	28.0	22.3
63 MOORE	10	15.0	50	15.8	10.2
64 NASH	25	29.8	110	27.2	21.8
65 NEW HANOVER	28	20.1	141	21.5	18.3
66 NORTHAMPTON	6	28.9	39	37.7	16.4
67 ONSLOW	14	9.5	58	7.8	15.2
68 ORANGE	13	12.3	66	13.0	14.6
69 PAMLICO	2	16.9	16	27.5	16.3
70 PASQUOTANK	13	39.1	44	27.0	19.7
71 PENDER	12	34.6	43	26.5	18.4
72 PERQUIMANS	2	18.8	15	28.6	17.2
73 PERSON	8	24.9	31	19.9	13.2
74 PITT	26	22.1	149	26.1	23.2
75 POLK	6	38.1	23	30.2	17.9
76 RANDOLPH	21	18.2	100	17.9	18.3
77 RICHMOND	10	22.0	65	28.8	20.9
78 ROBESON	54	48.7	207	38.2	28.1
79 ROCKINGHAM	25	28.3	124	28.5	21.1
80 ROWAN	36	30.3	162	28.1	24.1
81 RUTHERFORD	13	22.0	56	19.2	15.8
82 SAMPSON	14	27.7	70	28.5	18.6
83 SCOTLAND	12	34.6	51	29.6	23.2
84 STANLY	12	22.3	81	30.5	25.3
85 STOKES	4	9.7	29	14.8	13.3
86 SURRY	20	30.7	74	23.3	18.9
87 SWAIN	6	51.9	24	42.2	35.5
88 TRANSYLVANIA	3	11.0	25	18.8	17.2
89 TYRRELL	1	26.2	7	36.6	14.5
90 UNION	17	17.3	84	18.3	20.5
91 VANCE	18	45.0	85	43.0	32.8
92 WAKE	90	17.4	377	15.7	19.4
93 WARREN	7	38.6	29	32.8	15.6
94 WASHINGTON	2	14.5	12	17.3	11.1
95 WATAUGA	2	5.0	19	9.9	16.6
96 WAYNE	32	28.8	129	23.8	20.5
97 WILKES	12	19.3	55	18.0	14.3
98 WILSON	32	47.2	123	36.7	26.3
99 YADKIN	10	29.7	40	24.8	18.5
100 YANCEY	3	18.6	21	26.5	30.9

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Diabetes Mellitus



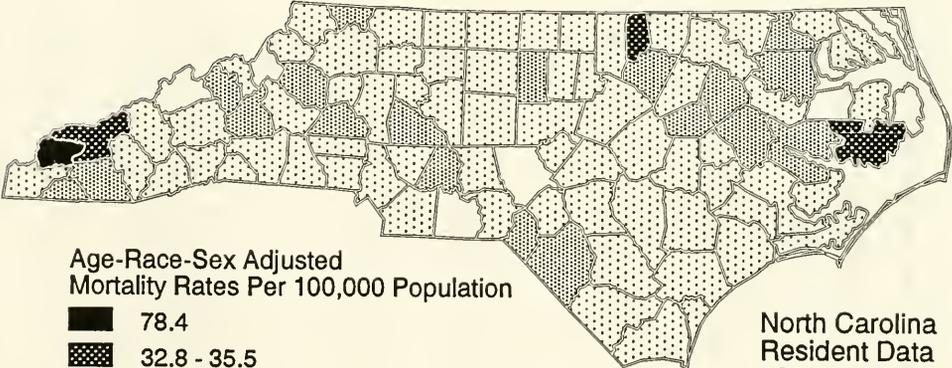
Mortality Rates Per 100,000 Population

- 59.7
- ▨ 36.5 - 43.8
- ▧ 24.8 - 34.5
- ▦ 14.8 - 24.1
- 7.8 - 13.8

North Carolina Resident Data 1991 - 1995

Figure 16.A

Diabetes Mellitus



Age-Race-Sex Adjusted Mortality Rates Per 100,000 Population

- 78.4
- ▨ 32.8 - 35.5
- ▧ 22.9 - 30.9
- ▦ 12.5 - 22.3
- 6.3 - 11.5

North Carolina Resident Data 1991 - 1995

Figure 16.B

**TABLE - 17
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
PNEUMONIA AND INFLUENZA**

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	2434	33.8	10761	30.9	23.6

REGIONS

D.E.H.N.R. I	384	49.4	1654	43.8	23.4
D.E.H.N.R. II	580	37.6	2314	31.2	25.4
D.E.H.N.R. III	432	30.1	2150	30.8	21.9
D.E.H.N.R. IV	407	27.9	1846	26.5	22.7
D.E.H.N.R. V	248	31.6	1118	29.3	26.2
D.E.H.N.R. VI	219	33.1	1055	32.5	25.0
D.E.H.N.R. VII	164	30.7	624	24.2	21.6

COUNTIES

1 ALAMANCE	32	27.8	133	23.7	15.7
2 ALEXANDER	18	59.7	59	40.6	32.8
3 ALLEGHANY	7	72.8	29	59.8	42.3
4 ANSON	16	67.1	78	65.8	44.3
5 ASHE	8	34.8	40	35.3	49.5
6 AVERY	12	79.0	39	51.9	34.5
7 BEAUFORT	17	39.2	91	42.4	25.0
8 BERTIE	8	38.8	38	37.1	23.8
9 BLADEN	18	60.4	77	52.7	34.0
10 BRUNSWICK	28	46.1	81	28.6	21.8
11 BUNCOMBE	74	39.2	347	38.0	20.3
12 BURKE	23	28.2	108	27.5	18.4
13 CABARRUS	62	56.2	243	46.1	32.5
14 CALDWELL	24	32.6	85	23.5	16.0
15 CAMDEN	3	47.5	7	22.9	15.0
16 CARTERET	10	17.4	57	20.4	16.3
17 CASWELL	6	28.1	33	31.3	18.5
18 CATAWBA	75	59.4	257	41.9	34.2
19 CHATHAM	15	35.0	75	36.4	22.2
20 CHEROKEE	10	45.8	45	42.6	20.1
21 CHOWAN	16	114.0	58	83.2	40.1
22 CLAY	0	0.0	6	16.1	113.4
23 CLEVELAND	45	50.5	223	51.2	35.3
24 COLUMBUS	23	44.9	100	39.6	29.1
25 CRAVEN	17	19.8	96	22.9	20.7
26 CUMBERLAND	44	15.0	208	14.4	21.2
27 CURRITUCK	7	44.3	37	49.7	40.3
28 DARE	10	38.8	49	40.5	45.9
29 DAVIDSON	21	15.4	171	25.7	19.6
30 DAVIE	12	40.4	54	37.2	24.2
31 DUPLIN	23	53.8	87	41.8	28.5
32 DURHAM	66	34.2	282	29.7	24.7
33 EDGECOMBE	15	26.4	89	31.4	25.2
34 FORSYTH	93	33.2	441	32.3	23.2
35 FRANKLIN	12	28.8	61	30.8	21.6
36 GASTON	82	46.0	287	32.3	25.1
37 GATES	3	30.6	21	43.7	31.8
38 GRAHAM	3	40.2	17	46.5	29.6
39 GRANVILLE	22	53.5	97	48.3	39.8
40 GREENE	6	35.7	19	23.5	17.2
41 GUILFORD	109	29.3	538	29.8	22.2

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
 PNEUMONIA AND INFLUENZA, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	18	31.3	88	30.9	18.7
43 HARNETT	36	46.8	142	39.0	32.5
44 HAYWOOD	27	54.1	135	55.3	25.8
45 HENDERSON	53	69.5	229	62.2	27.4
46 HERTFORD	10	44.5	37	32.9	17.6
47 HOKE	5	18.3	28	22.4	18.0
48 HYDE	2	38.4	15	56.0	36.2
49 IREDELL	60	58.0	193	38.9	27.0
50 JACKSON	23	79.9	77	55.0	30.0
51 JOHNSTON	26	27.2	131	29.4	22.7
52 JONES	5	52.6	15	31.7	23.8
53 LEE	16	34.8	85	38.7	28.7
54 LENOIR	18	30.5	80	27.4	18.3
55 LINCOLN	26	46.8	90	33.7	27.5
56 MCDOWELL	8	21.5	63	34.6	17.4
57 MACON	16	60.9	59	47.0	15.0
58 MADISON	9	50.6	41	47.2	19.4
59 MARTIN	10	38.7	47	36.5	25.6
60 MECKLENBURG	121	21.0	553	20.1	19.3
61 MITCHELL	10	67.4	37	51.1	21.4
62 MONTGOMERY	2	8.4	28	23.7	16.4
63 MOORE	36	54.0	144	45.6	23.1
64 NASH	27	32.2	131	32.4	24.1
65 NEW HANOVER	38	27.2	169	25.7	20.1
66 NORTHAMPTON	6	28.9	41	39.6	22.0
67 ONSLOW	24	16.2	77	10.4	20.3
68 ORANGE	30	28.3	105	20.6	20.5
69 PAMLICO	1	8.4	26	44.7	24.1
70 PASQUOTANK	15	45.1	81	49.8	32.1
71 PENDER	18	51.9	53	32.7	24.8
72 PERQUIMANS	5	46.9	20	38.1	20.9
73 PERSON	9	28.0	51	32.8	20.8
74 PITT	33	28.1	157	27.5	26.3
75 POLK	6	38.1	51	66.9	17.7
76 RANDOLPH	28	24.2	121	21.7	15.8
77 RICHMOND	16	35.2	85	37.7	26.8
78 ROBESON	33	29.7	166	30.6	27.4
79 ROCKINGHAM	35	39.6	129	29.6	19.9
80 ROWAN	53	44.6	243	42.2	25.5
81 RUTHERFORD	58	98.2	190	65.3	40.0
82 SAMPSON	28	55.4	109	44.3	29.3
83 SCOTLAND	14	40.3	53	30.8	28.9
84 STANLY	17	31.6	57	21.4	14.0
85 STOKES	27	65.7	122	62.2	50.7
86 SURRY	12	18.4	119	37.4	23.6
87 SWAIN	11	95.1	33	58.0	34.1
88 TRANSYLVANIA	14	51.5	56	42.0	19.9
89 TYRRELL	2	52.5	8	41.8	21.7
90 UNION	21	21.4	109	23.8	25.0
91 VANCE	6	15.0	58	29.3	19.4
92 WAKE	102	19.7	406	17.0	19.7
93 WARREN	8	44.1	38	43.0	21.1
94 WASHINGTON	4	29.1	28	40.4	29.3
95 WATAUGA	13	32.4	50	25.9	18.4
96 WAYNE	27	24.3	125	23.1	22.3
97 WILKES	19	30.6	108	35.4	25.3
98 WILSON	29	42.7	108	32.2	24.5
99 YADKIN	10	29.7	62	38.4	23.1
100 YANCEY	3	18.6	36	45.5	30.5

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

STATE CENTER FOR HEALTH STATISTICS
 DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES

Pneumonia and Influenza

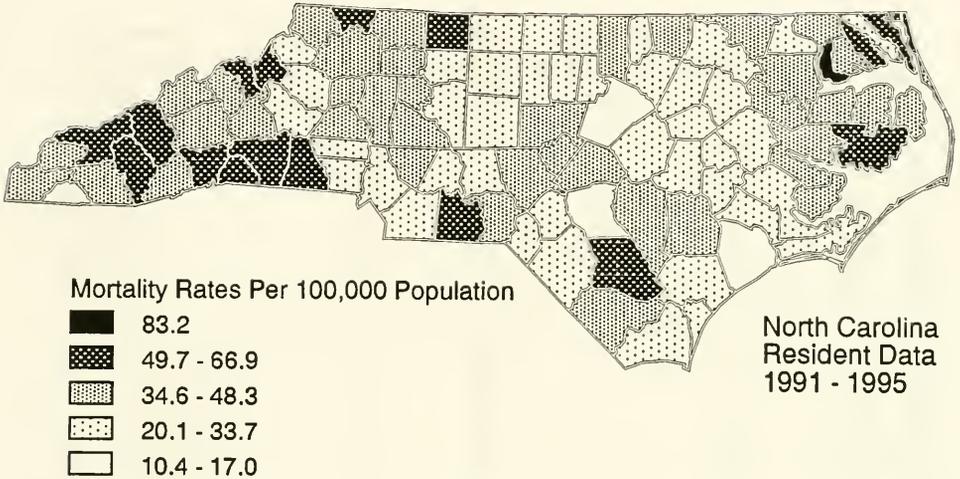


Figure 17.A

Pneumonia and Influenza

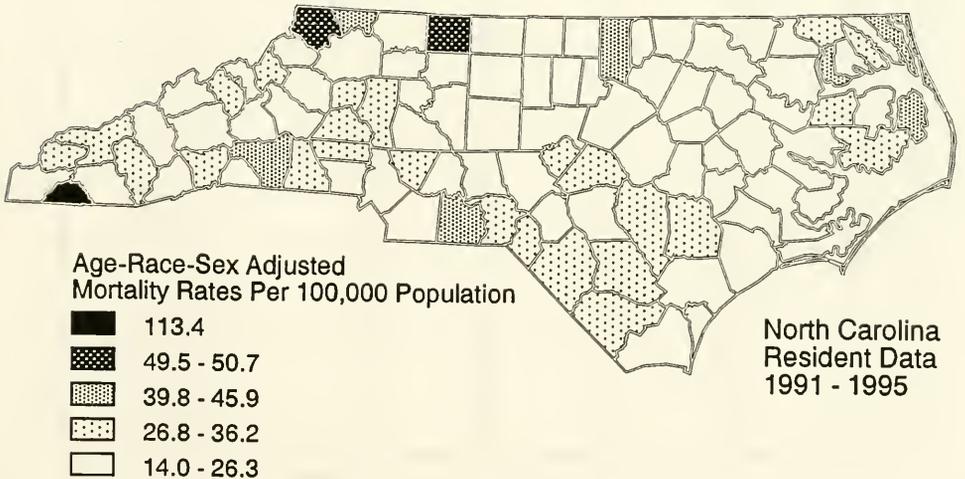


Figure 17.B

TABLE - 18
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	2852	39.6	12913	37.1	30.8

REGIONS

D.E.H.N.R. I	453	58.3	1989	52.6	30.7
D.E.H.N.R. II	569	36.9	2495	33.6	29.2
D.E.H.N.R. III	634	44.2	2999	43.0	32.8
D.E.H.N.R. IV	413	28.3	2031	29.1	28.2
D.E.H.N.R. V	292	37.2	1253	32.9	32.4
D.E.H.N.R. VI	283	42.7	1254	38.7	33.7
D.E.H.N.R. VII	208	38.9	892	34.5	31.9

COUNTIES

1 ALAMANCE	60	52.0	288	51.4	34.5
2 ALEXANDER	11	36.5	40	27.5	26.4
3 ALLEGHANY	9	93.6	33	68.0	46.0
4 ANSON	3	12.6	27	22.8	15.5
5 ASHE	18	78.3	89	78.4	64.9
6 AVERY	14	92.2	43	57.2	30.8
7 BEAUFORT	20	46.2	96	44.7	32.2
8 BERTIE	8	38.8	40	39.1	28.5
9 BLADEN	22	73.9	76	52.0	40.8
10 BRUNSWICK	27	44.5	123	43.4	30.7
11 BUNCOMBE	88	46.6	439	48.0	28.5
12 BURKE	34	41.7	181	46.0	35.1
13 CABARRUS	51	46.2	206	39.1	30.0
14 CALDWELL	40	54.3	154	42.5	33.4
15 CAMDEN	4	63.3	20	65.5	48.2
16 CARTERET	29	50.3	125	44.8	30.0
17 CASWELL	15	70.2	49	46.4	37.7
18 CATAWBA	50	39.6	218	35.5	30.2
19 CHATHAM	17	39.6	76	36.9	26.2
20 CHEROKEE	14	64.1	70	66.2	44.8
21 CHOWAN	6	42.8	48	68.8	41.2
22 CLAY	7	90.5	26	69.8	27.3
23 CLEVELAND	35	39.3	156	35.8	27.0
24 COLUMBUS	21	41.0	99	39.2	31.9
25 CRAVEN	37	43.1	155	36.9	34.8
26 CUMBERLAND	89	30.3	349	24.2	38.8
27 CURRITUCK	7	44.3	41	55.0	45.4
28 DARE	10	38.8	49	40.5	29.0
29 DAVIDSON	58	42.5	265	39.8	31.5
30 DAVIE	11	37.0	50	34.4	21.6
31 DUPLIN	21	49.1	88	42.3	30.8
32 DURHAM	58	30.1	271	28.6	28.9
33 EDGECOMBE	24	42.2	107	37.7	38.2
34 FORSYTH	116	41.4	565	41.4	33.8
35 FRANKLIN	12	28.8	60	30.3	27.9
36 GASTON	94	52.7	384	43.3	35.2
37 GATES	5	51.0	27	56.2	39.5
38 GRAHAM	6	80.4	23	62.9	28.8
39 GRANVILLE	9	21.9	59	29.4	26.8
40 GREENE	7	41.7	22	27.2	25.4
41 GUILFORD	154	41.4	727	40.3	33.8

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
 CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD), CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	27	47.0	147	51.7	36.6
43 HARNETT	31	40.3	136	37.4	33.6
44 HAYWOOD	41	82.1	170	69.7	29.5
45 HENDERSON	52	68.2	249	67.6	34.2
46 HERTFORD	7	31.2	40	35.6	29.8
47 HOKE	3	11.0	27	21.6	27.4
48 HYDE	5	96.0	13	48.5	29.4
49 IREDELL	52	50.3	206	41.5	29.6
50 JACKSON	23	79.9	67	47.9	32.1
51 JOHNSTON	31	32.5	131	29.4	24.0
52 JONES	9	94.7	25	52.8	38.3
53 LEE	16	34.8	65	29.6	22.4
54 LENOIR	30	50.8	135	46.2	35.5
55 LINCOLN	24	43.2	92	34.5	29.9
56 MCDOWELL	27	72.5	91	50.0	35.8
57 MACON	17	64.7	65	51.8	19.2
58 MADISON	12	67.5	53	61.0	29.3
59 MARTIN	11	42.6	45	35.0	30.4
60 MECKLENBURG	159	27.5	750	27.3	29.2
61 MITCHELL	12	80.9	47	64.9	43.5
62 MONTGOMERY	13	54.6	52	44.1	34.6
63 MOORE	27	40.5	142	44.9	22.9
64 NASH	25	29.8	154	38.0	31.4
65 NEW HANOVER	63	45.1	243	37.0	30.1
66 NORTHAMPTON	8	38.6	48	46.4	27.8
67 ONSLOW	26	17.6	133	18.0	37.2
68 ORANGE	15	14.2	92	18.1	20.7
69 PAMLICO	7	59.0	25	43.0	27.1
70 PASQUOTANK	15	45.1	79	48.6	41.8
71 PENDER	21	60.6	81	50.0	39.0
72 PERQUIMANS	7	65.7	24	45.7	27.0
73 PERSON	7	21.8	59	37.9	27.3
74 PITT	45	38.3	170	29.8	33.5
75 POLK	14	88.9	50	65.5	22.5
76 RANDOLPH	47	40.7	207	37.1	26.9
77 RICHMOND	26	57.3	107	47.4	37.2
78 ROBESON	31	27.9	158	29.2	34.3
79 ROCKINGHAM	41	46.4	230	52.9	37.7
80 ROWAN	50	42.1	253	44.0	29.7
81 RUTHERFORD	25	42.3	138	47.4	30.3
82 SAMPSON	26	51.5	111	45.1	32.5
83 SCOTLAND	21	60.5	68	39.5	40.3
84 STANLY	20	37.2	97	36.5	28.9
85 STOKES	17	41.4	68	34.6	26.2
86 SURRY	41	63.0	178	56.0	35.7
87 SWAIN	7	60.5	22	38.7	23.8
88 TRANSYLVANIA	11	40.5	57	42.8	21.3
89 TYRRELL	3	78.7	11	57.5	36.0
90 UNION	23	23.4	93	20.3	20.1
91 VANCE	15	37.5	89	45.0	38.9
92 WAKE	114	22.0	510	21.3	26.8
93 WARREN	7	38.6	38	43.0	23.2
94 WASHINGTON	4	29.1	27	38.9	30.4
95 WATAUGA	9	22.4	50	25.9	26.6
96 WAYNE	36	32.4	162	29.9	31.4
97 WILKES	23	37.1	128	42.0	29.1
98 WILSON	28	41.3	125	37.3	31.0
99 YADKIN	15	44.5	72	44.7	30.0
100 YANCEY	9	55.8	44	55.6	44.5

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Chronic Obstructive Pulmonary Diseases

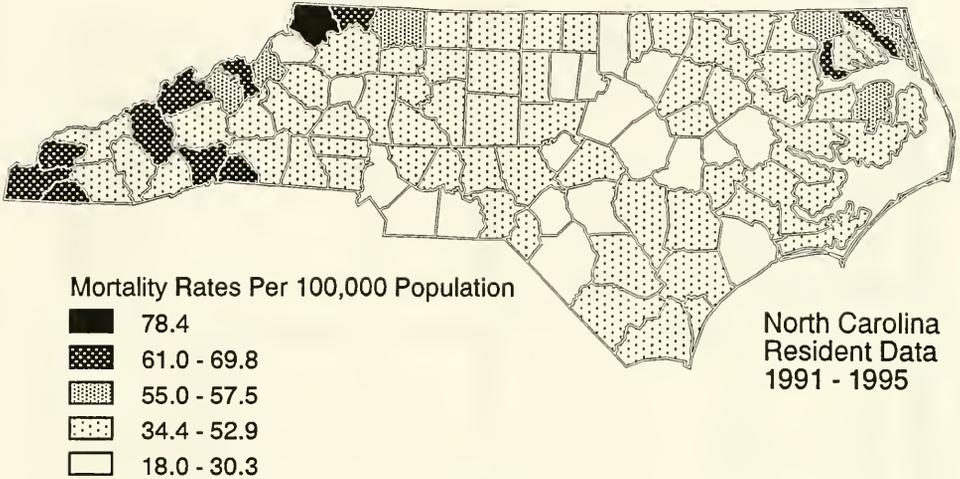


Figure 18.A

Chronic Obstructive Pulmonary Diseases

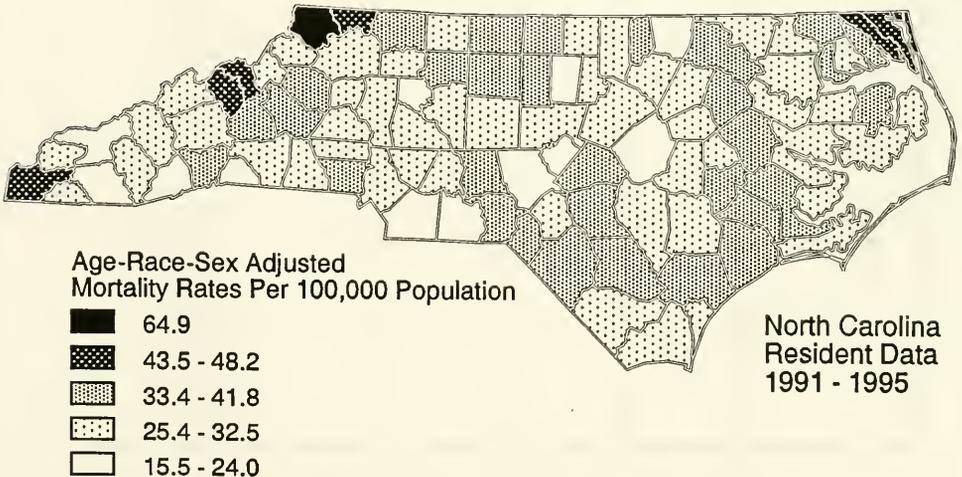


Figure 18.B

TABLE - 19
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
CHRONIC LIVER DISEASE AND CIRRHOSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	677	9.4	3409	9.8	8.7

REGIONS

D.E.H.N.R. I	81	10.4	443	11.7	10.9
D.E.H.N.R. II	141	9.1	718	9.7	9.0
D.E.H.N.R. III	128	8.9	635	9.1	7.9
D.E.H.N.R. IV	144	9.9	634	9.1	8.3
D.E.H.N.R. V	73	9.3	379	9.9	9.2
D.E.H.N.R. VI	71	10.7	332	10.2	8.7
D.E.H.N.R. VII	39	7.3	268	10.4	9.8

COUNTIES

1 ALAMANCE	17	14.7	59	10.5	8.5
2 ALEXANDER	8	26.5	17	11.7	11.6
3 ALLEGHANY	3	31.2	6	12.4	6.5
4 ANSON	2	8.4	15	12.7	9.6
5 ASHE	3	13.0	12	10.6	6.3
6 AVERY	3	19.8	10	13.3	8.5
7 BEAUFORT	3	6.9	26	12.1	9.0
8 BERTIE	4	19.4	10	9.8	10.9
9 BLADEN	4	13.4	20	13.7	12.1
10 BRUNSWICK	8	13.2	44	15.5	11.4
11 BUNCOMBE	23	12.2	119	13.0	13.2
12 BURKE	10	12.3	36	9.2	8.1
13 CABARRUS	6	5.4	34	6.4	5.3
14 CALDWELL	3	4.1	32	8.8	8.2
15 CAMDEN	0	0.0	1	3.3	2.4
16 CARTERET	3	5.2	26	9.3	7.8
17 CASWELL	4	18.7	15	14.2	11.3
18 CATAWBA	9	7.1	73	11.9	11.6
19 CHATHAM	3	7.0	17	8.2	6.9
20 CHEROKEE	1	4.6	10	9.5	8.6
21 CHOWAN	1	7.1	10	14.3	11.3
22 CLAY	2	25.9	5	13.4	6.7
23 CLEVELAND	13	14.6	56	12.9	11.3
24 COLUMBUS	5	9.8	34	13.5	10.7
25 CRAVEN	8	9.3	38	9.1	8.7
26 CUMBERLAND	25	8.5	109	7.6	8.1
27 CURRITUCK	4	25.3	12	16.1	13.0
28 DARE	0	0.0	10	8.3	7.9
29 DAVIDSON	8	5.9	48	7.2	6.4
30 DAVIE	5	16.8	14	9.6	7.8
31 DUPLIN	6	14.0	20	9.6	8.6
32 DURHAM	14	7.3	70	7.4	7.8
33 EDGECOMBE	9	15.8	50	17.6	15.7
34 FORSYTH	21	7.5	130	9.5	8.1
35 FRANKLIN	8	19.2	31	15.6	13.2
36 GASTON	22	12.3	121	13.6	12.4
37 GATES	1	10.2	2	4.2	3.1
38 GRAHAM	0	0.0	2	5.5	2.8
39 GRANVILLE	6	14.6	17	8.5	7.1
40 GREENE	3	17.9	6	7.4	7.1
41 GUILFORD	36	9.7	168	9.3	8.3

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
 CHRONIC LIVER DISEASE AND CIRRHOSIS, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	13	22.6	51	17.9	13.0
43 HARNETT	7	9.1	31	8.5	8.1
44 HAYWOOD	6	12.0	34	13.9	11.8
45 HENDERSON	9	11.8	44	11.9	8.9
46 HERTFORD	2	8.9	16	14.2	10.0
47 HOKE	1	3.7	11	8.8	7.7
48 HYDE	0	0.0	2	7.5	7.3
49 IREDELL	9	8.7	47	9.5	8.7
50 JACKSON	4	13.9	22	15.7	16.2
51 JOHNSTON	7	7.3	48	10.8	9.5
52 JONES	0	0.0	5	10.6	7.2
53 LEE	2	4.3	19	8.6	7.4
54 LENOIR	11	18.6	38	13.0	9.6
55 LINCOLN	6	10.8	27	10.1	9.2
56 MCDOWELL	3	8.1	26	14.3	11.9
57 MACON	1	3.8	8	6.4	3.7
58 MADISON	3	16.9	11	12.7	43.5
59 MARTIN	2	7.7	14	10.9	8.7
60 MECKLENBURG	46	8.0	241	8.8	8.4
61 MITCHELL	0	0.0	7	9.7	5.8
62 MONTGOMERY	0	0.0	6	5.1	3.5
63 MOORE	5	7.5	39	12.3	8.9
64 NASH	8	9.5	44	10.9	9.2
65 NEW HANOVER	10	7.2	84	12.8	11.3
66 NORTHAMPTON	4	19.3	17	16.4	13.2
67 ONSLOW	4	2.7	42	5.7	8.7
68 ORANGE	5	4.7	19	3.7	4.0
69 PAMLICO	2	16.9	8	13.8	10.0
70 PASQUOTANK	6	18.0	11	6.8	6.0
71 PENDER	3	8.7	18	11.1	8.6
72 PERQUIMANS	2	18.8	7	13.3	9.7
73 PERSON	6	18.7	16	10.3	8.1
74 PITT	12	10.2	59	10.3	10.4
75 POLK	1	6.4	12	15.7	14.9
76 RANDOLPH	4	3.5	37	6.6	6.9
77 RICHMOND	6	13.2	27	12.0	9.8
78 ROBESON	12	10.8	66	12.2	11.4
79 ROCKINGHAM	14	15.8	66	15.2	11.8
80 ROWAN	9	7.6	42	7.3	6.3
81 RUTHERFORD	8	13.5	34	11.7	10.2
82 SAMPSON	8	15.8	40	16.3	13.0
83 SCOTLAND	3	8.6	15	8.7	7.6
84 STANLY	3	5.6	22	8.3	8.0
85 STOKES	2	4.9	14	7.1	5.8
86 SURRY	6	9.2	30	9.4	7.4
87 SWAIN	2	17.3	12	21.1	18.8
88 TRANSYLVANIA	0	0.0	13	9.8	5.5
89 TYRRELL	1	26.2	2	10.5	5.7
90 UNION	10	10.2	38	8.3	8.8
91 VANCE	6	15.0	35	17.7	14.2
92 WAKE	34	6.6	135	5.6	6.6
93 WARREN	4	22.1	11	12.4	8.4
94 WASHINGTON	1	7.3	2	2.9	3.0
95 WATAUGA	0	0.0	6	3.1	2.7
96 WAYNE	8	7.2	53	9.8	8.6
97 WILKES	4	6.4	21	6.9	6.7
98 WILSON	15	22.1	54	16.1	12.4
99 YADKIN	1	3.0	9	5.6	3.7
100 YANCEY	2	12.4	6	7.6	4.3

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Chronic Liver Disease and Cirrhosis

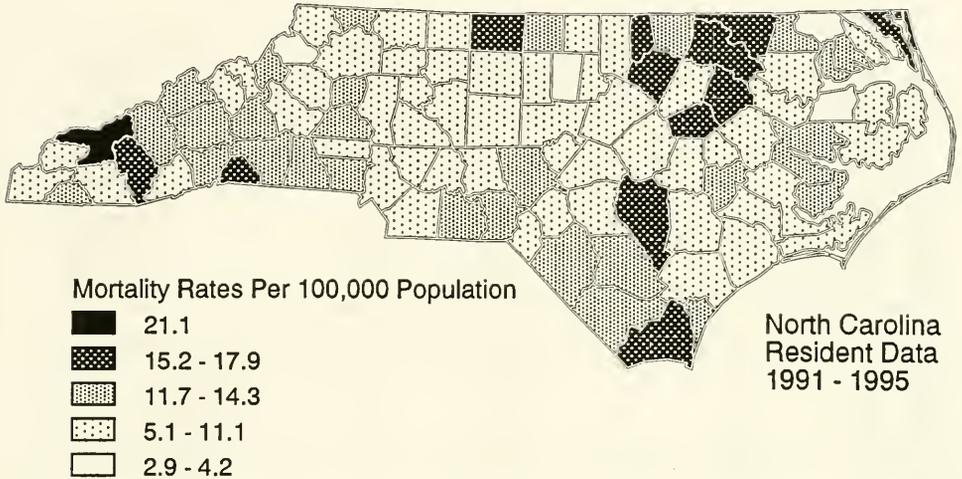


Figure 19.A

Chronic Liver Disease and Cirrhosis

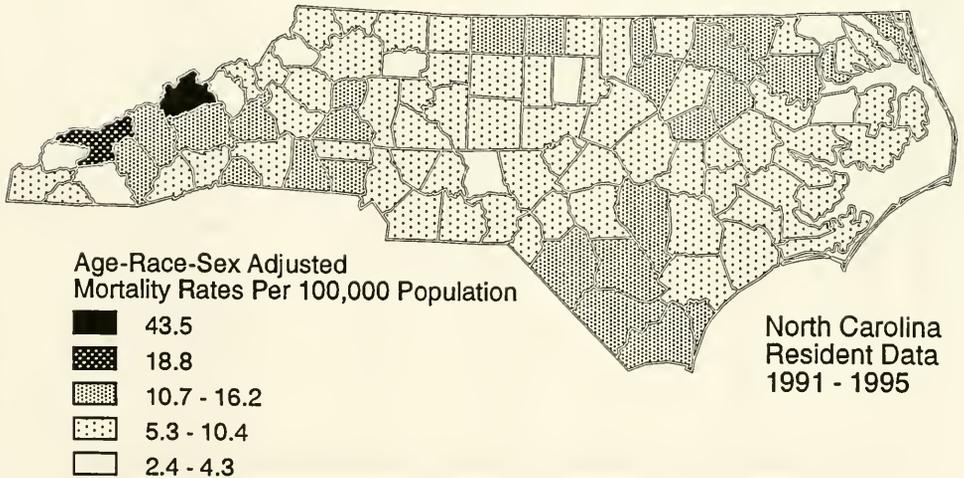


Figure 19.B

TABLE - 20
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
NEPHRITIS AND NEPHROSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS	DEATH RATE*	NUMBER OF DEATHS	DEATH RATE*	ADJUSTED DEATH RATE*
	1995	1995	1991-1995	1991-1995	1991-1995
NORTH CAROLINA	658	9.1	3062	8.8	7.2

REGIONS

D.E.H.N.R. I	65	8.4	349	9.2	6.2
D.E.H.N.R. II	151	9.8	612	8.2	7.5
D.E.H.N.R. III	115	8.0	613	8.8	7.0
D.E.H.N.R. IV	129	8.8	604	8.7	7.3
D.E.H.N.R. V	80	10.2	339	8.9	7.4
D.E.H.N.R. VI	60	9.1	328	10.1	7.0
D.E.H.N.R. VII	58	10.9	217	8.4	7.8

COUNTIES

1 ALAMANCE	11	9.5	55	9.8	7.3
2 ALEXANDER	4	13.3	19	13.1	11.7
3 ALLEGHANY	0	0.0	4	8.2	2.6
4 ANSON	3	12.6	16	13.5	8.4
5 ASHE	3	13.0	15	13.2	5.8
6 AVERY	1	6.6	12	16.0	7.3
7 BEAUFORT	1	2.3	20	9.3	5.9
8 BERTIE	5	24.2	13	12.7	7.2
9 BLADEN	3	10.1	19	13.0	7.7
10 BRUNSWICK	4	6.6	19	6.7	5.9
11 BUNCOMBE	14	7.4	70	7.7	5.5
12 BURKE	3	3.7	36	9.2	7.4
13 CABARRUS	10	9.1	49	9.3	7.5
14 CALDWELL	5	6.8	27	7.5	6.6
15 CAMDEN	2	31.7	4	13.1	9.4
16 CARTERET	6	10.4	21	7.5	7.4
17 CASWELL	1	4.7	12	11.4	5.6
18 CATAWBA	18	14.3	80	13.0	13.4
19 CHATHAM	3	7.0	15	7.3	5.0
20 CHEROKEE	3	13.7	16	15.1	10.0
21 CHOWAN	0	0.0	12	17.2	7.3
22 CLAY	0	0.0	0	0.0	0.0
23 CLEVELAND	11	12.3	44	10.1	7.8
24 COLUMBUS	10	19.5	37	14.6	10.3
25 CRAVEN	7	8.2	39	9.3	7.5
26 CUMBERLAND	20	6.8	78	5.4	7.1
27 CURRITUCK	0	0.0	2	2.7	3.2
28 DARE	0	0.0	6	5.0	5.8
29 DAVIDSON	13	9.5	59	8.9	9.3
30 DAVIE	4	13.5	21	14.5	10.6
31 DUPLIN	8	18.7	30	14.4	8.7
32 DURHAM	29	15.0	128	13.5	10.3
33 EDGEcombe	6	10.6	36	12.7	7.6
34 FORSYTH	26	9.3	151	11.1	8.3
35 FRANKLIN	3	7.2	21	10.6	6.1
36 GASTON	20	11.2	82	9.2	8.3
37 GATES	1	10.2	10	20.8	9.4
38 GRAHAM	0	0.0	5	13.7	40.1
39 GRANVILLE	9	21.9	24	12.0	8.1
40 GREENE	1	6.0	9	11.1	8.7
41 GUILFORD	19	5.1	121	6.7	5.3

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

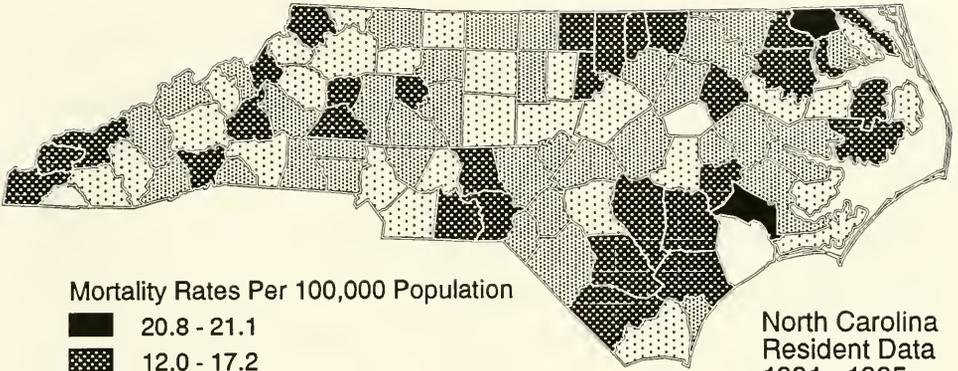
MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
NEPHRITIS AND NEPHROSIS, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	6	10.4	29	10.2	7.6
43 HARNETT	5	6.5	38	10.4	9.1
44 HAYWOOD	10	20.0	28	11.5	5.0
45 HENDERSON	11	14.4	45	12.2	7.0
46 HERTFORD	4	17.8	15	13.3	5.3
47 HOKE	4	14.6	12	9.6	7.2
48 HYDE	0	0.0	4	14.9	10.5
49 IREDELL	14	13.5	46	9.3	7.9
50 JACKSON	2	6.9	10	7.1	4.8
51 JOHNSTON	10	10.5	43	9.6	7.8
52 JONES	5	52.6	10	21.1	11.6
53 LEE	5	10.9	24	10.9	8.2
54 LENOIR	10	16.9	47	16.1	10.2
55 LINCOLN	6	10.8	26	9.7	6.9
56 MCDOWELL	6	16.1	22	12.1	6.4
57 MACON	2	7.6	6	4.8	1.7
58 MADISON	0	0.0	9	10.4	4.9
59 MARTIN	1	3.9	11	8.6	4.8
60 MECKLENBURG	39	6.8	156	5.7	5.6
61 MITCHELL	2	13.5	7	9.7	3.5
62 MONTGOMERY	5	21.0	18	15.3	11.3
63 MOORE	7	10.5	28	8.9	4.6
64 NASH	9	10.7	45	11.1	8.7
65 NEW HANOVER	18	12.9	59	9.0	7.6
66 NORTHAMPTON	2	9.6	11	10.6	4.2
67 ONSLOW	7	4.7	26	3.5	7.2
68 ORANGE	6	5.7	31	6.1	7.2
69 PAMLICO	2	16.9	3	5.2	2.5
70 PASQUOTANK	3	9.0	14	8.6	5.8
71 PENDER	5	14.4	25	15.4	10.3
72 PERQUIMANS	1	9.4	6	11.4	4.4
73 PERSON	5	15.6	19	12.2	7.3
74 PITT	8	6.8	53	9.3	8.3
75 POLK	1	6.4	8	10.5	7.6
76 RANDOLPH	10	8.7	34	6.1	6.5
77 RICHMOND	9	19.8	30	13.3	10.1
78 ROBESON	11	9.9	49	9.0	6.8
79 ROCKINGHAM	10	11.3	45	10.3	6.9
80 ROWAN	14	11.8	58	10.1	7.2
81 RUTHERFORD	3	5.1	24	8.2	6.0
82 SAMPSON	9	17.8	34	13.8	8.7
83 SCOTLAND	4	11.5	17	9.9	7.8
84 STANLY	5	9.3	17	6.4	5.6
85 STOKES	2	4.9	15	7.6	6.3
86 SURRY	7	10.8	35	11.0	10.8
87 SWAIN	0	0.0	7	12.3	8.2
88 TRANSYLVANIA	2	7.4	13	9.8	4.2
89 TYRRELL	0	0.0	3	15.7	8.2
90 UNION	10	10.2	35	7.6	8.0
91 VANCE	6	15.0	32	16.2	12.9
92 WAKE	25	4.8	121	5.1	6.2
93 WARREN	2	11.0	11	12.4	6.4
94 WASHINGTON	1	7.3	5	7.2	4.1
95 WATAUGA	4	10.0	10	5.2	3.8
96 WAYNE	8	7.2	42	7.8	6.8
97 WILKES	4	6.4	24	7.9	6.3
98 WILSON	3	4.4	14	4.2	3.0
99 YADKIN	1	3.0	12	7.4	5.1
100 YANCEY	0	0.0	4	5.1	2.0

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

STATE CENTER FOR HEALTH STATISTICS
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Nephritis and Nephrosis



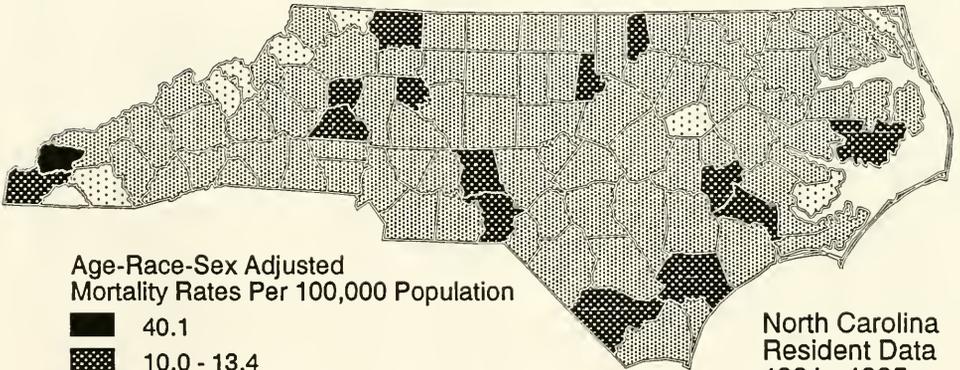
Mortality Rates Per 100,000 Population

- 20.8 - 21.1
- 12.0 - 17.2
- 8.9 - 11.5
- 4.8 - 8.6
- 0.0 - 4.2

North Carolina
Resident Data
1991 - 1995

Figure 20.A

Nephritis and Nephrosis



Age-Race-Sex Adjusted
Mortality Rates Per 100,000 Population

- 40.1
- 10.0 - 13.4
- 4.1 - 9.4
- 1.7 - 3.8
- 0.0

North Carolina
Resident Data
1991 - 1995

Figure 20.B

TABLE - 21
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
UNINTENTIONAL MOTOR VEHICLE INJURIES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	1490	20.7	7074	20.3	20.5

REGIONS

D.E.H.N.R. I	148	19.0	731	19.3	20.5
D.E.H.N.R. II	275	17.8	1306	17.6	18.3
D.E.H.N.R. III	288	20.1	1340	19.2	19.5
D.E.H.N.R. IV	292	20.0	1327	19.0	18.9
D.E.H.N.R. V	234	29.8	1055	27.7	26.3
D.E.H.N.R. VI	146	22.0	721	22.2	22.0
D.E.H.N.R. VII	107	20.0	594	23.0	22.0

COUNTIES

1 ALAMANCE	22	19.1	96	17.1	16.8
2 ALEXANDER	5	16.6	35	24.1	27.8
3 ALLEGHANY	2	20.8	17	35.1	30.9
4 ANSON	9	37.8	33	27.9	25.5
5 ASHE	9	39.1	26	22.9	58.7
6 AVERY	0	0.0	9	12.0	20.7
7 BEAUFORT	5	11.5	48	22.3	22.3
8 BERTIE	7	33.9	32	31.3	34.0
9 BLADEN	16	53.7	52	35.6	35.1
10 BRUNSWICK	11	18.1	84	29.7	31.3
11 BUNCOMBE	33	17.5	143	15.6	15.8
12 BURKE	18	22.1	77	19.6	22.9
13 CABARRUS	21	19.0	82	15.5	16.2
14 CALDWELL	16	21.7	74	20.4	22.4
15 CAMDEN	3	47.5	10	32.7	30.2
16 CARTERET	7	12.2	52	18.6	20.8
17 CASWELL	5	23.4	34	32.2	27.1
18 CATAWBA	32	25.3	130	21.2	21.9
19 CHATHAM	12	28.0	63	30.6	32.5
20 CHEROKEE	7	32.1	21	19.9	16.0
21 CHOWAN	0	0.0	15	21.5	22.8
22 CLAY	2	25.9	8	21.5	15.0
23 CLEVELAND	21	23.6	103	23.7	24.8
24 COLUMBUS	15	29.3	99	39.2	40.3
25 CRAVEN	16	18.6	76	18.1	17.8
26 CUMBERLAND	73	24.8	283	19.7	18.4
27 CURRITUCK	2	12.6	28	37.6	44.3
28 DARE	6	23.3	20	16.5	19.7
29 DAVIDSON	29	21.2	140	21.0	21.2
30 DAVIE	6	20.2	39	26.8	24.4
31 DUPLIN	26	60.8	75	36.1	36.4
32 DURHAM	29	15.0	118	12.4	11.9
33 EDGECOMBE	9	15.8	70	24.7	29.6
34 FORSYTH	40	14.3	190	13.9	14.9
35 FRANKLIN	17	40.8	69	34.8	33.0
36 GASTON	34	19.1	151	17.0	18.2
37 GATES	5	51.0	25	52.0	50.1
38 GRAHAM	3	40.2	5	13.7	15.1
39 GRANVILLE	11	26.7	40	19.9	18.8
40 GREENE	4	23.8	21	26.0	28.5
41 GUILFORD	60	16.1	305	16.9	17.1

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
UNINTENTIONAL MOTOR VEHICLE INJURIES, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	16	27.8	94	33.0	31.8
43 HARNETT	24	31.2	104	28.6	28.2
44 HAYWOOD	3	6.0	43	17.6	16.6
45 HENDERSON	17	22.3	70	19.0	18.8
46 HERTFORD	8	35.6	34	30.2	20.2
47 HOKE	10	36.6	45	35.9	30.1
48 HYDE	3	57.6	10	37.3	45.5
49 IREDELL	18	17.4	86	17.3	18.4
50 JACKSON	5	17.4	23	16.4	15.3
51 JOHNSTON	42	44.0	139	31.2	31.7
52 JONES	7	73.7	14	29.6	28.4
53 LEE	11	23.9	54	24.6	27.4
54 LENOIR	12	20.3	64	21.9	22.5
55 LINCOLN	15	27.0	65	24.4	29.0
56 MCDOWELL	8	21.5	49	26.9	24.6
57 MACON	3	11.4	24	19.1	13.1
58 MADISON	6	33.7	29	33.4	23.8
59 MARTIN	4	15.5	40	31.1	34.7
60 MECKLENBURG	67	11.6	348	12.7	12.8
61 MITCHELL	1	6.7	15	20.7	17.3
62 MONTGOMERY	4	16.8	25	21.2	20.7
63 MOORE	11	16.5	83	26.3	27.5
64 NASH	11	13.1	89	22.0	22.6
65 NEW HANOVER	12	8.6	72	11.0	11.1
66 NORTHAMPTON	10	48.2	31	30.0	26.4
67 ONSLOW	31	21.0	165	22.3	20.9
68 ORANGE	19	18.0	89	17.5	17.3
69 PAMLICO	2	16.9	17	29.2	30.3
70 PASQUOTANK	6	18.0	27	16.6	17.2
71 PENDER	5	14.4	47	29.0	29.8
72 PERQUIMANS	3	28.2	15	28.6	25.4
73 PERSON	5	15.6	35	22.5	21.9
74 PITT	27	23.0	97	17.0	17.1
75 POLK	4	25.4	23	30.2	36.6
76 RANDOLPH	28	24.2	138	24.8	26.7
77 RICHMOND	16	35.2	87	38.6	37.5
78 ROBESON	45	40.5	200	36.9	33.8
79 ROCKINGHAM	28	31.7	99	22.8	24.1
80 ROWAN	21	17.7	119	20.7	21.1
81 RUTHERFORD	13	22.0	75	25.8	26.4
82 SAMPSON	19	37.6	95	38.6	38.3
83 SCOTLAND	7	20.2	48	27.9	29.4
84 STANLY	6	11.2	63	23.7	23.5
85 STOKES	6	14.6	33	16.8	19.6
86 SURRY	19	29.2	76	23.9	24.8
87 SWAIN	4	34.6	18	31.6	30.9
88 TRANSYLVANIA	4	14.7	16	12.0	11.3
89 TYRRELL	1	26.2	4	20.9	15.7
90 UNION	35	35.6	124	27.1	29.7
91 VANCE	9	22.5	47	23.8	25.0
92 WAKE	72	13.9	276	11.5	12.0
93 WARREN	4	22.1	25	28.3	24.8
94 WASHINGTON	5	36.3	23	33.2	38.2
95 WATAUGA	6	15.0	25	13.0	9.1
96 WAYNE	20	18.0	101	18.6	19.1
97 WILKES	17	27.4	79	25.9	26.7
98 WILSON	15	22.1	88	26.2	26.8
99 YADKIN	11	32.7	43	26.7	21.8
100 YANCEY	1	6.2	9	11.4	10.6

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

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Motor Vehicle Injuries

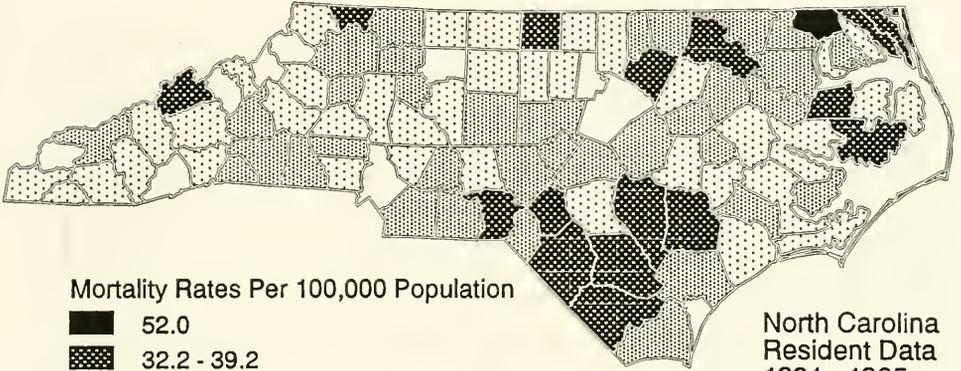


Figure 21.A

Motor Vehicle Injuries

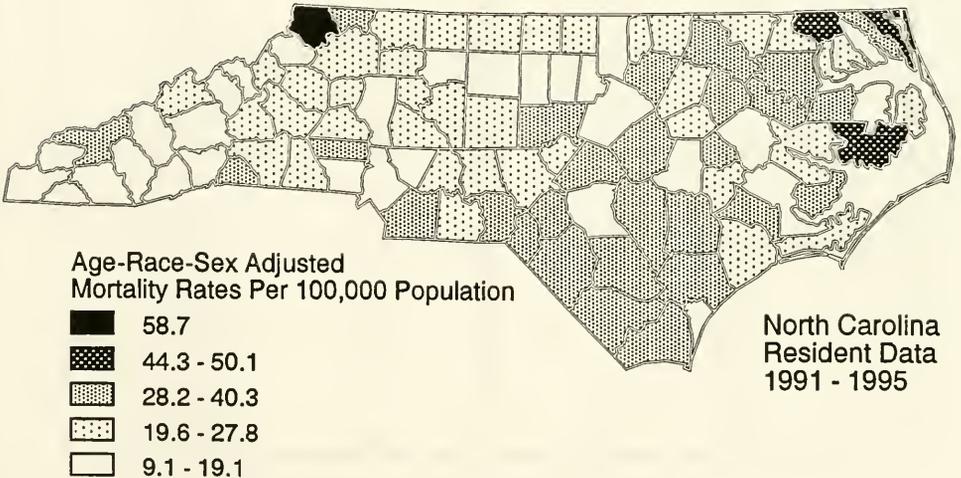


Figure 21.B

TABLE - 22
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
ALL OTHER UNINTENTIONAL INJURIES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	1453	20.2	7103	20.4	17.9

REGIONS

D.E.H.N.R. I	207	26.6	907	24.0	19.0
D.E.H.N.R. II	301	19.5	1332	18.0	16.5
D.E.H.N.R. III	274	19.1	1454	20.9	17.6
D.E.H.N.R. IV	248	17.0	1292	18.5	16.5
D.E.H.N.R. V	168	21.4	829	21.7	19.7
D.E.H.N.R. VI	147	22.2	759	23.4	20.2
D.E.H.N.R. VII	108	20.2	530	20.5	19.0

COUNTIES

1 ALAMANCE	21	18.2	116	20.7	17.2
2 ALEXANDER	3	9.9	35	24.1	21.1
3 ALLEGHANY	2	20.8	12	24.7	13.5
4 ANSON	6	25.2	24	20.3	16.1
5 ASHE	4	17.4	27	23.8	41.6
6 AVERY	5	32.9	18	23.9	12.9
7 BEAUFORT	8	18.5	67	31.2	27.2
8 BERTIE	9	43.6	27	26.4	17.8
9 BLADEN	10	33.6	41	28.0	22.4
10 BRUNSWICK	13	21.4	68	24.0	21.5
11 BUNCOMBE	56	29.7	223	24.4	19.8
12 BURKE	12	14.7	81	20.6	18.2
13 CABARRUS	25	22.7	90	17.1	16.4
14 CALDWELL	11	14.9	54	14.9	11.8
15 CAMDEN	0	0.0	6	19.6	14.9
16 CARTERET	18	31.2	75	26.9	20.5
17 CASWELL	6	28.1	23	21.8	16.0
18 CATAWBA	28	22.2	109	17.8	16.2
19 CHATHAM	9	21.0	46	22.3	16.9
20 CHEROKEE	7	32.1	28	26.5	25.3
21 CHOWAN	5	35.6	16	22.9	15.1
22 CLAY	0	0.0	7	18.8	8.9
23 CLEVELAND	26	29.2	86	19.8	17.0
24 COLUMBUS	16	31.2	70	27.7	23.8
25 CRAVEN	14	16.3	74	17.6	16.3
26 CUMBERLAND	47	16.0	244	16.9	18.7
27 CURRITUCK	3	19.0	12	16.1	17.2
28 DARE	6	23.3	25	20.7	16.2
29 DAVIDSON	17	12.4	132	19.8	19.2
30 DAVIE	5	16.8	25	17.2	17.5
31 DUPLIN	10	23.4	44	21.2	16.6
32 DURHAM	41	21.3	190	20.0	18.0
33 EDGECOMBE	16	28.2	58	20.5	18.2
34 FORSYTH	51	18.2	276	20.2	16.1
35 FRANKLIN	9	21.6	44	22.2	16.4
36 GASTON	36	20.2	175	19.7	19.0
37 GATES	3	30.6	15	31.2	20.7
38 GRAHAM	1	13.4	6	16.4	12.2
39 GRANVILLE	9	21.9	35	17.4	15.1
40 GREENE	2	11.9	16	19.8	16.5
41 GUILFORD	82	22.0	377	20.9	17.1

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
ALL OTHER UNINTENTIONAL INJURIES, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	12	20.9	72	25.3	18.5
43 HARNETT	17	22.1	75	20.6	19.3
44 HAYWOOD	12	24.0	69	28.3	14.6
45 HENDERSON	24	31.5	87	23.6	12.9
46 HERTFORD	10	44.5	39	34.7	24.1
47 HOKE	13	47.6	33	26.4	19.9
48 HYDE	1	19.2	12	44.8	33.5
49 IREDELL	28	27.1	96	19.3	16.9
50 JACKSON	7	24.3	32	22.9	20.0
51 JOHNSTON	21	22.0	108	24.2	22.2
52 JONES	1	10.5	9	19.0	14.3
53 LEE	13	28.3	52	23.7	21.1
54 LENOIR	15	25.4	58	19.8	16.7
55 LINCOLN	16	28.8	54	20.2	18.5
56 MCDOWELL	14	37.6	45	24.7	19.8
57 MACON	10	38.0	32	25.5	15.1
58 MADISON	5	28.1	25	28.8	15.4
59 MARTIN	8	31.0	35	27.2	19.4
60 MECKLENBURG	87	15.1	418	15.2	14.4
61 MITCHELL	5	33.7	21	29.0	18.3
62 MONTGOMERY	6	25.2	35	29.7	24.5
63 MOORE	16	24.0	72	22.8	18.9
64 NASH	12	14.3	79	19.5	16.2
65 NEW HANOVER	22	15.8	135	20.6	18.9
66 NORTHAMPTON	6	28.9	30	29.0	16.8
67 ONSLOW	19	12.8	98	13.2	17.1
68 ORANGE	11	10.4	70	13.8	13.9
69 PAMLICO	3	25.3	13	22.3	18.2
70 PASQUOTANK	5	15.0	44	27.0	23.5
71 PENDER	10	28.8	40	24.7	20.9
72 PERQUIMANS	3	28.2	21	40.0	29.9
73 PERSON	7	21.8	38	24.4	21.6
74 PITT	28	23.8	151	26.5	24.7
75 POLK	5	31.8	22	28.8	21.9
76 RANDOLPH	25	21.6	103	18.5	15.9
77 RICHMOND	6	13.2	60	26.6	25.1
78 ROBESON	34	30.6	149	27.5	23.5
79 ROCKINGHAM	11	12.5	91	20.9	17.6
80 ROWAN	21	17.7	132	22.9	18.4
81 RUTHERFORD	17	28.8	76	26.1	22.0
82 SAMPSON	9	17.8	63	25.6	20.0
83 SCOTLAND	4	11.5	33	19.2	15.4
84 STANLY	12	22.3	67	25.2	22.5
85 STOKES	12	29.2	53	27.0	26.9
86 SURRY	16	24.6	90	28.3	21.2
87 SWAIN	6	51.9	29	51.0	34.8
88 TRANSYLVANIA	5	18.4	30	22.5	19.5
89 TYRRELL	0	0.0	1	5.2	9.4
90 UNION	19	19.3	70	15.3	15.6
91 VANCE	11	27.5	53	26.8	21.9
92 WAKE	52	10.0	308	12.9	13.6
93 WARREN	5	27.6	22	24.9	12.7
94 WASHINGTON	4	29.1	12	17.3	17.0
95 WATAUGA	4	10.0	27	14.0	17.9
96 WAYNE	19	17.1	106	19.6	18.8
97 WILKES	12	19.3	68	22.3	21.6
98 WILSON	14	20.6	87	25.9	20.4
99 YADKIN	6	17.8	34	21.1	19.5
100 YANCEY	5	31.0	22	27.8	32.4

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

All Other Injuries and Adverse Effects

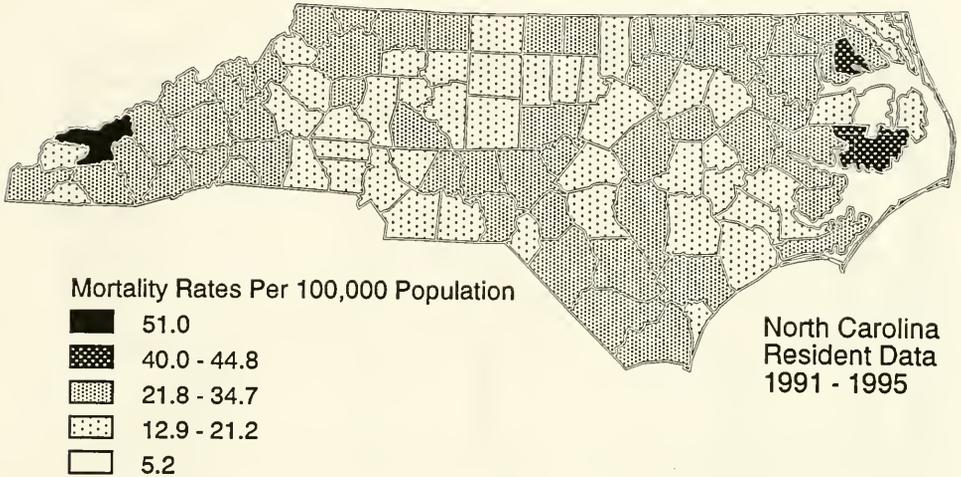


Figure 22.A

All Other Injuries and Adverse Effects

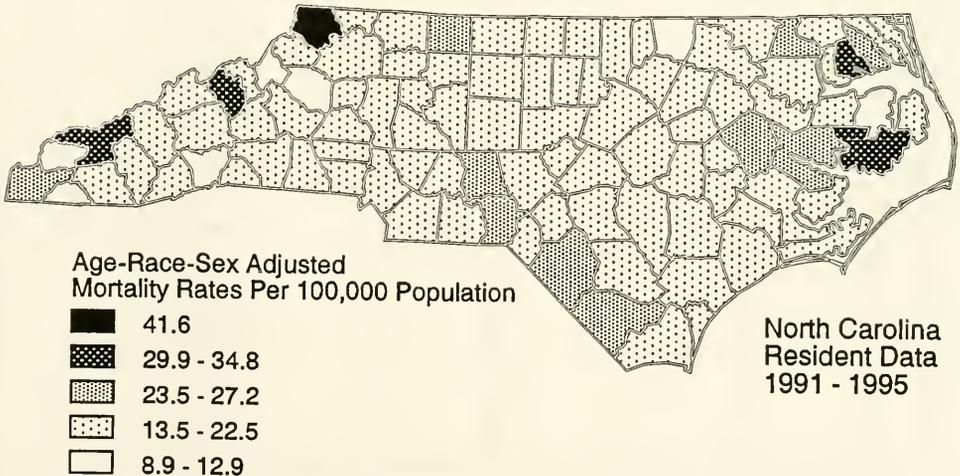


Figure 22.B

TABLE - 23
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
SUICIDE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	904	12.6	4323	12.4	11.9

REGIONS

D.E.H.N.R. I	133	17.1	582	15.4	13.1
D.E.H.N.R. II	179	11.6	874	11.8	11.1
D.E.H.N.R. III	208	14.5	921	13.2	12.3
D.E.H.N.R. IV	158	10.8	822	11.8	11.9
D.E.H.N.R. V	102	13.0	441	11.6	12.2
D.E.H.N.R. VI	62	9.4	354	10.9	11.2
D.E.H.N.R. VII	62	11.6	329	12.7	11.7

COUNTIES

1 ALAMANCE	18	15.6	77	13.7	12.8
2 ALEXANDER	4	13.3	27	18.6	18.7
3 ALLEGHANY	4	41.6	13	26.8	41.3
4 ANSON	4	16.8	20	16.9	18.0
5 ASHE	8	34.8	29	25.6	19.9
6 AVERY	4	26.3	16	21.3	14.2
7 BEAUFORT	3	6.9	25	11.6	12.7
8 BERTIE	1	4.8	11	10.8	15.8
9 BLADEN	5	16.8	21	14.4	14.1
10 BRUNSWICK	7	11.5	50	17.7	16.8
11 BUNCOMBE	35	18.5	153	16.7	15.8
12 BURKE	18	22.1	66	16.8	13.8
13 CABARRUS	16	14.5	63	11.9	10.6
14 CALDWELL	15	20.3	49	13.5	11.5
15 CAMDEN	0	0.0	5	16.4	17.4
16 CARTERET	4	6.9	32	11.5	10.0
17 CASWELL	2	9.4	14	13.3	11.4
18 CATAWBA	13	10.3	90	14.7	14.4
19 CHATHAM	2	4.7	28	13.6	13.3
20 CHEROKEE	4	18.3	13	12.3	19.2
21 CHOWAN	0	0.0	4	5.7	3.3
22 CLAY	1	12.9	4	10.7	5.9
23 CLEVELAND	13	14.6	46	10.6	9.8
24 COLUMBUS	8	15.6	31	12.3	12.2
25 CRAVEN	5	5.8	48	11.4	11.2
26 CUMBERLAND	37	12.6	158	11.0	12.0
27 CURRITUCK	1	6.3	14	18.8	17.1
28 DARE	2	7.8	15	12.4	8.3
29 DAVIDSON	21	15.4	83	12.5	10.6
30 DAVIE	3	10.1	15	10.3	7.5
31 DUPLIN	5	11.7	30	14.4	14.7
32 DURHAM	17	8.8	127	13.4	13.9
33 EDGECOMBE	6	10.6	35	12.3	14.9
34 FORSYTH	44	15.7	181	13.3	13.3
35 FRANKLIN	5	12.0	31	15.6	16.7
36 GASTON	20	11.2	101	11.4	10.4
37 GATES	1	10.2	7	14.6	15.0
38 GRAHAM	2	26.8	4	10.9	12.7
39 GRANVILLE	8	19.5	32	15.9	14.8
40 GREENE	2	11.9	6	7.4	6.8
41 GUILFORD	42	11.3	209	11.6	11.6

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
SUICIDE, CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	7	12.2	31	10.9	14.2
43 HARNETT	15	19.5	45	12.4	12.3
44 HAYWOOD	4	8.0	31	12.7	9.0
45 HENDERSON	13	17.0	67	18.2	12.7
46 HERTFORD	3	13.4	9	8.0	6.5
47 HOKE	1	3.7	7	5.6	8.2
48 HYDE	2	38.4	3	11.2	11.1
49 IREDELL	15	14.5	64	12.9	11.9
50 JACKSON	4	13.9	17	12.1	11.4
51 JOHNSTON	13	13.6	76	17.0	15.2
52 JONES	3	31.6	3	6.3	7.0
53 LEE	7	15.2	26	11.8	11.9
54 LENOIR	7	11.8	34	11.6	12.4
55 LINCOLN	5	9.0	42	15.7	12.2
56 MCDOWELL	2	5.4	9	4.9	4.4
57 MACON	8	30.4	26	20.7	12.1
58 MADISON	6	33.7	17	19.6	20.8
59 MARTIN	2	7.7	11	8.6	10.6
60 MECKLENBURG	61	10.6	290	10.6	10.5
61 MITCHELL	2	13.5	9	12.4	8.3
62 MONTGOMERY	6	25.2	21	17.8	17.3
63 MOORE	13	19.5	48	15.2	13.7
64 NASH	13	15.5	52	12.8	13.2
65 NEW HANOVER	16	11.5	93	14.2	13.7
66 NORTHAMPTON	0	0.0	2	1.9	0.7
67 ONSLOW	14	9.5	70	9.4	10.3
68 ORANGE	9	8.5	55	10.8	11.1
69 PAMLICO	1	8.4	5	8.6	7.5
70 PASQUOTANK	5	15.0	17	10.4	11.2
71 PENDER	8	23.1	23	14.2	13.8
72 PERQUIMANS	2	18.8	3	5.7	4.6
73 PERSON	8	24.9	29	18.7	18.6
74 PITT	13	11.1	78	13.7	15.0
75 POLK	3	19.1	22	28.8	24.5
76 RANDOLPH	18	15.6	73	13.1	10.6
77 RICHMOND	4	8.8	27	12.0	11.1
78 ROBESON	9	8.1	55	10.1	11.9
79 ROCKINGHAM	11	12.5	58	13.3	12.8
80 ROWAN	12	10.1	62	10.8	10.4
81 RUTHERFORD	9	15.2	40	13.7	12.2
82 SAMPSON	7	13.9	26	10.6	11.1
83 SCOTLAND	1	2.9	13	7.5	6.5
84 STANLY	12	22.3	37	13.9	11.7
85 STOKES	8	19.5	46	23.4	19.9
86 SURRY	13	20.0	36	11.3	8.5
87 SWAIN	1	8.6	7	12.3	15.8
88 TRANSYLVANIA	2	7.4	22	16.5	10.7
89 TYRRELL	0	0.0	0	0.0	0.0
90 UNION	8	8.1	52	11.3	11.2
91 VANCE	2	5.0	17	8.6	10.3
92 WAKE	51	9.8	223	9.3	9.2
93 WARREN	2	11.0	10	11.3	9.9
94 WASHINGTON	1	7.3	5	7.2	10.7
95 WATAUGA	6	15.0	25	13.0	9.7
96 WAYNE	8	7.2	51	9.4	9.8
97 WILKES	7	11.3	35	11.5	10.0
98 WILSON	8	11.8	48	14.3	14.9
99 YADKIN	3	8.9	27	16.7	20.2
100 YANCEY	0	0.0	10	12.6	7.2

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Suicide

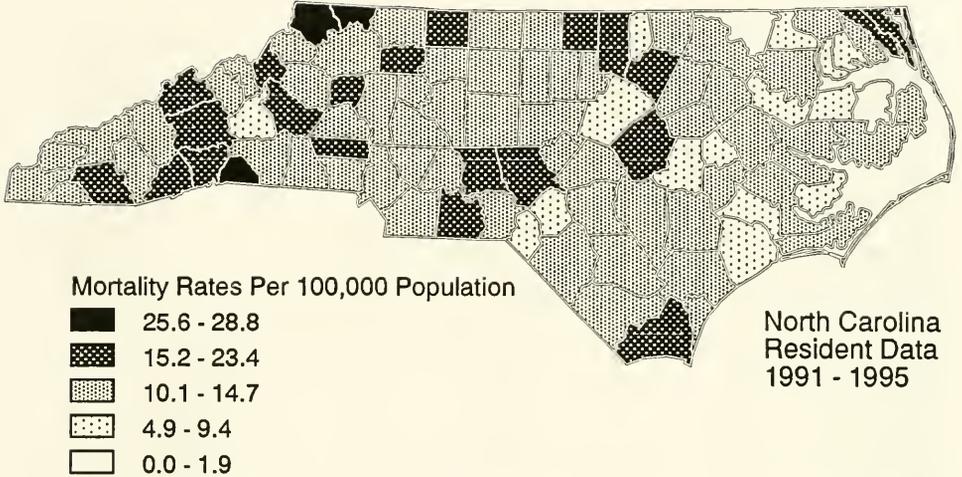


Figure 23.A

Suicide

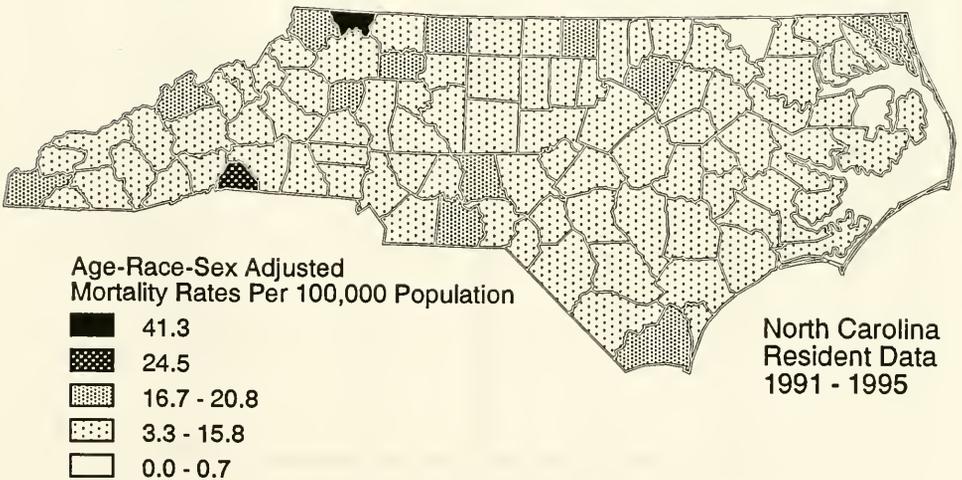


Figure 23.B

TABLE - 24
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
HOMICIDE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	686	9.5	4091	11.8	11.8

REGIONS

D.E.H.N.R. I	53	6.8	271	7.2	10.2
D.E.H.N.R. II	161	10.4	1050	14.2	16.1
D.E.H.N.R. III	117	8.2	692	9.9	11.2
D.E.H.N.R. IV	142	9.7	791	11.3	10.0
D.E.H.N.R. V	119	15.2	679	17.8	14.7
D.E.H.N.R. VI	61	9.2	376	11.6	10.5
D.E.H.N.R. VII	33	6.2	232	9.0	8.6

COUNTIES

1 ALAMANCE	9	7.8	54	9.6	10.9
2 ALEXANDER	1	3.3	16	11.0	16.1
3 ALLEGHANY	1	10.4	3	6.2	28.4
4 ANSON	3	12.6	31	26.2	20.3
5 ASHE	2	8.7	10	8.8	8.2
6 AVERY	0	0.0	3	4.0	2.8
7 BEAUFORT	3	6.9	21	9.8	10.9
8 BERTIE	7	33.9	18	17.6	13.0
9 BLADEN	2	6.7	23	15.7	12.9
10 BRUNSWICK	1	1.6	23	8.1	8.8
11 BUNCOMBE	17	9.0	79	8.6	13.0
12 BURKE	6	7.4	25	6.4	9.4
13 CABARRUS	4	3.6	35	6.6	8.1
14 CALDWELL	9	12.2	37	10.2	18.0
15 CAMDEN	1	15.8	2	6.5	8.4
16 CARTERET	4	6.9	17	6.1	7.9
17 CASWELL	2	9.4	18	17.1	11.3
18 CATAWBA	6	4.8	60	9.8	15.0
19 CHATHAM	5	11.7	23	11.2	13.6
20 CHEROKEE	1	4.6	8	7.6	5.0
21 CHOWAN	1	7.1	6	8.6	7.6
22 CLAY	0	0.0	0	0.0	0.0
23 CLEVELAND	11	12.3	83	19.1	21.0
24 COLUMBUS	5	9.8	41	16.2	15.5
25 CRAVEN	10	11.7	27	6.4	6.1
26 CUMBERLAND	44	15.0	261	18.1	14.3
27 CURRITUCK	2	12.6	5	6.7	9.2
28 DARE	1	3.9	7	5.8	9.7
29 DAVIDSON	4	2.9	55	8.3	10.6
30 DAVIE	3	10.1	10	6.9	13.6
31 DUPLIN	3	7.0	36	17.3	16.2
32 DURHAM	28	14.5	161	17.0	12.4
33 EDGECOMBE	10	17.6	58	20.5	13.9
34 FORSYTH	28	10.0	168	12.3	12.2
35 FRANKLIN	6	14.4	30	15.1	13.5
36 GASTON	24	13.4	126	14.2	16.6
37 GATES	0	0.0	1	2.1	0.7
38 GRAHAM	2	26.8	7	19.1	21.8
39 GRANVILLE	1	2.4	24	12.0	9.5
40 GREENE	2	11.9	8	9.9	11.1
41 GUILFORD	46	12.4	220	12.2	11.0

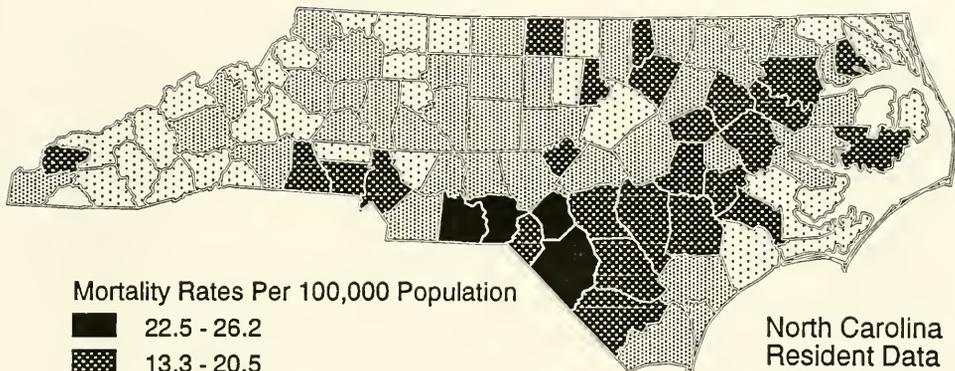
*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
HOMICIDE, CONT'D

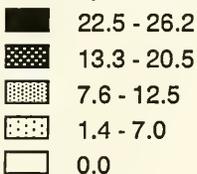
COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	4	7.0	32	11.2	9.2
43 HARNETT	6	7.8	42	11.5	12.1
44 HAYWOOD	3	6.0	10	4.1	9.0
45 HENDERSON	3	3.9	22	6.0	7.8
46 HERTFORD	2	8.9	14	12.5	5.0
47 HOKE	9	32.9	31	24.8	22.4
48 HYDE	0	0.0	4	14.9	15.8
49 IREDELL	8	7.7	57	11.5	15.1
50 JACKSON	0	0.0	8	5.7	6.2
51 JOHNSTON	11	11.5	53	11.9	14.8
52 JONES	1	10.5	8	16.9	14.2
53 LEE	8	17.4	38	17.3	19.7
54 LENOIR	8	13.5	49	16.8	15.2
55 LINCOLN	3	5.4	18	6.7	10.4
56 MCDOWELL	3	8.1	7	3.8	4.6
57 MACON	0	0.0	7	5.6	3.7
58 MADISON	1	5.6	3	3.5	2.6
59 MARTIN	2	7.7	19	14.8	12.5
60 MECKLENBURG	85	14.7	528	19.2	17.4
61 MITCHELL	0	0.0	1	1.4	1.3
62 MONTGOMERY	1	4.2	14	11.9	10.6
63 MOORE	5	7.5	25	7.9	9.7
64 NASH	14	16.7	48	11.9	11.4
65 NEW HANOVER	9	6.4	54	8.2	9.2
66 NORTHAMPTON	0	0.0	9	8.7	4.7
67 ONSLOW	7	4.7	48	6.5	5.6
68 ORANGE	6	5.7	33	6.5	6.7
69 PAMLICO	0	0.0	3	5.2	8.0
70 PASQUOTANK	0	0.0	11	6.8	6.9
71 PENDER	4	11.5	13	8.0	7.3
72 PERQUIMANS	1	9.4	7	13.3	15.2
73 PERSON	0	0.0	9	5.8	5.4
74 PITT	8	6.8	85	14.9	13.3
75 POLK	0	0.0	5	6.6	7.1
76 RANDOLPH	5	4.3	49	8.8	13.5
77 RICHMOND	15	33.0	53	23.5	22.8
78 ROBESON	18	16.2	122	22.5	16.3
79 ROCKINGHAM	6	6.8	44	10.1	10.7
80 ROWAN	5	4.2	56	9.7	10.2
81 RUTHERFORD	6	10.2	33	11.3	13.4
82 SAMPSON	7	13.9	47	19.1	16.5
83 SCOTLAND	9	25.9	30	17.4	13.4
84 STANLY	5	9.3	25	9.4	12.3
85 STOKES	2	4.9	11	5.6	4.4
86 SURRY	2	3.1	11	3.5	2.8
87 SWAIN	0	0.0	4	7.0	5.9
88 TRANSYLVANIA	1	3.7	3	2.3	2.1
89 TYRRELL	0	0.0	0	0.0	0.0
90 UNION	9	9.2	46	10.0	11.8
91 VANCE	6	15.0	37	18.7	14.2
92 WAKE	33	6.4	167	7.0	6.5
93 WARREN	0	0.0	9	10.2	7.4
94 WASHINGTON	0	0.0	6	8.6	7.6
95 WATAUGA	2	5.0	7	3.6	2.9
96 WAYNE	12	10.8	75	13.8	12.8
97 WILKES	5	8.1	26	8.5	7.2
98 WILSON	10	14.7	60	17.9	14.7
99 YADKIN	0	0.0	6	3.7	7.9
100 YANCEY	1	6.2	9	11.4	8.6

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Homicide



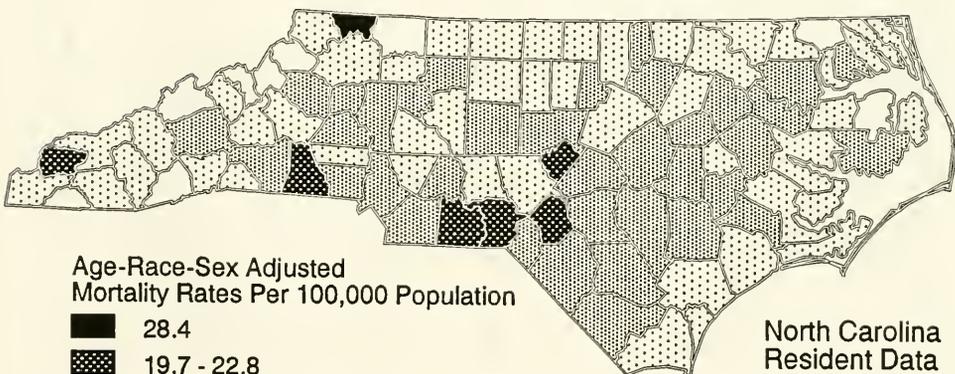
Mortality Rates Per 100,000 Population



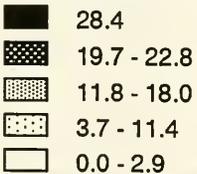
North Carolina
Resident Data
1991 - 1995

Figure 24.A

Homicide



Age-Race-Sex Adjusted
Mortality Rates Per 100,000 Population



North Carolina
Resident Data
1991 - 1995

Figure 24.B

TABLE - 25
MORTALITY STATISTICS FOR 1995
NORTH CAROLINA RESIDENTS
INFANT DEATHS (PER 1,000 LIVE BIRTHS)

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
NORTH CAROLINA	935	9.2	5174	10.1	0.0

REGIONS

D.E.H.N.R. I	81	9.0	429	9.3	0.0
D.E.H.N.R. II	161	7.3	995	9.0	0.0
D.E.H.N.R. III	188	9.9	940	10.0	0.0
D.E.H.N.R. IV	208	9.9	1075	10.3	0.0
D.E.H.N.R. V	134	10.2	773	11.7	0.0
D.E.H.N.R. VI	89	9.8	579	12.2	0.0
D.E.H.N.R. VII	74	9.0	383	9.3	0.0

COUNTIES

1 ALAMANCE	10	7.0	70	9.6	0.0
2 ALEXANDER	4	11.0	18	9.9	0.0
3 ALLEGHANY	0	0.0	1	2.1	0.0
4 ANSON	3	10.1	21	11.9	0.0
5 ASHE	2	9.6	12	10.6	0.0
6 AVERY	1	5.7	13	13.3	0.0
7 BEAUFORT	9	15.2	32	10.9	0.0
8 BERTIE	4	14.5	21	14.5	0.0
9 BLADEN	4	11.0	32	15.4	0.0
10 BRUNSWICK	7	10.1	31	8.5	0.0
11 BUNCOMBE	18	8.1	91	7.9	0.0
12 BURKE	10	9.4	56	10.9	0.0
13 CABARRUS	13	8.6	52	7.2	0.0
14 CALDWELL	11	11.6	49	9.9	0.0
15 CAMDEN	0	0.0	5	14.7	0.0
16 CARTERET	6	9.9	30	9.1	0.0
17 CASWELL	3	13.8	16	12.6	0.0
18 CATAWBA	7	4.0	66	7.5	0.0
19 CHATHAM	4	7.5	18	6.6	0.0
20 CHEROKEE	1	4.2	10	8.2	0.0
21 CHOWAN	0	0.0	6	6.2	0.0
22 CLAY	0	0.0	1	2.9	0.0
23 CLEVELAND	9	7.2	63	9.6	0.0
24 COLUMBUS	12	16.3	49	13.4	0.0
25 CRAVEN	10	6.8	77	10.0	0.0
26 CUMBERLAND	53	9.2	314	11.0	0.0
27 CURRITUCK	3	18.2	16	17.7	0.0
28 DARE	1	3.1	12	8.0	0.0
29 DAVIDSON	14	8.1	76	8.7	0.0
30 DAVIE	2	5.4	18	10.1	0.0
31 DUPLIN	7	10.5	46	14.3	0.0
32 DURHAM	34	11.5	159	10.5	0.0
33 EDGECOMBE	6	6.8	60	13.0	0.0
34 FORSYTH	55	13.4	256	12.9	0.0
35 FRANKLIN	8	15.0	38	14.2	0.0
36 GASTON	21	8.9	140	10.7	0.0
37 GATES	1	9.1	4	6.7	0.0
38 GRAHAM	0	0.0	5	10.5	0.0
39 GRANVILLE	9	16.8	36	13.0	0.0
40 GREENE	5	26.2	22	22.6	0.0
41 GUILFORD	53	10.2	259	10.0	0.0

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

MORTALITY STATISTICS FOR 1995, NORTH CAROLINA RESIDENTS
 INFANT DEATHS (PER 1,000 LIVE BIRTHS), CONT'D

COUNTIES (CONT'D)	NUMBER OF DEATHS 1995	DEATH RATE* 1995	NUMBER OF DEATHS 1991-1995	DEATH RATE* 1991-1995	ADJUSTED DEATH RATE* 1991-1995
42 HALIFAX	17	21.2	80	18.0	0.0
43 HARNETT	13	10.4	63	10.0	0.0
44 HAYWOOD	6	11.1	22	8.1	0.0
45 HENDERSON	8	11.0	26	6.4	0.0
46 HERTFORD	4	12.7	27	16.4	0.0
47 HOKE	9	17.9	37	16.4	0.0
48 HYDE	1	15.9	2	6.0	0.0
49 IREDELL	16	11.2	70	9.8	0.0
50 JACKSON	5	16.3	13	8.4	0.0
51 JOHNSTON	12	7.7	58	8.3	0.0
52 JONES	4	44.0	9	15.1	0.0
53 LEE	9	12.2	46	13.4	0.0
54 LENOIR	8	9.3	63	14.4	0.0
55 LINCOLN	5	6.6	32	8.9	0.0
56 MCDOWELL	2	4.4	16	7.0	0.0
57 MACON	2	7.4	13	10.2	0.0
58 MADISON	1	5.2	9	9.3	0.0
59 MARTIN	4	12.8	23	13.0	0.0
60 MECKLENBURG	55	6.2	391	8.8	0.0
61 MITCHELL	3	18.3	8	9.6	0.0
62 MONTGOMERY	1	2.6	19	10.5	0.0
63 MOORE	7	8.6	49	12.5	0.0
64 NASH	8	6.9	64	10.6	0.0
65 NEW HANOVER	12	6.5	69	7.7	0.0
66 NORTHAMPTON	4	15.4	17	12.0	0.0
67 ONSLOW	28	8.7	145	9.0	0.0
68 ORANGE	10	9.2	39	6.8	0.0
69 PAMLICO	1	10.2	6	10.1	0.0
70 PASQUOTANK	4	10.1	37	16.2	0.0
71 PENDER	2	4.4	13	5.9	0.0
72 PERQUIMANS	1	8.6	7	11.5	0.0
73 PERSON	4	8.9	23	10.8	0.0
74 PITT	18	10.7	121	14.1	0.0
75 POLK	2	12.6	9	11.3	0.0
76 RANDOLPH	10	6.4	56	7.3	0.0
77 RICHMOND	12	17.8	42	12.3	0.0
78 ROBESON	17	9.4	106	11.0	0.0
79 ROCKINGHAM	14	12.9	58	10.1	0.0
80 ROWAN	17	11.5	78	10.3	0.0
81 RUTHERFORD	7	9.0	53	13.1	0.0
82 SAMPSON	12	16.2	45	12.7	0.0
83 SCOTLAND	3	5.6	45	16.0	0.0
84 STANLY	2	2.9	26	7.3	0.0
85 STOKES	4	8.0	24	9.9	0.0
86 SURRY	5	5.9	30	7.2	0.0
87 SWAIN	2	13.0	16	19.0	0.0
88 TRANSYLVANIA	1	3.7	12	8.3	0.0
89 TYRRELL	0	0.0	2	9.4	0.0
90 UNION	12	7.6	59	7.8	0.0
91 VANCE	8	12.9	32	9.7	0.0
92 WAKE	64	8.2	333	9.0	0.0
93 WARREN	1	5.3	14	13.1	0.0
94 WASHINGTON	1	5.1	11	11.0	0.0
95 WATAUGA	4	11.3	13	7.4	0.0
96 WAYNE	10	6.4	76	9.5	0.0
97 WILKES	7	8.4	34	8.7	0.0
98 WILSON	10	10.4	58	11.9	0.0
99 YADKIN	5	11.0	17	8.2	0.0
100 YANCEY	1	6.1	7	7.7	0.0

*Death rates with a small number of deaths in the numerator should be interpreted with caution. SEE TECHNICAL NOTES.

Infant Deaths

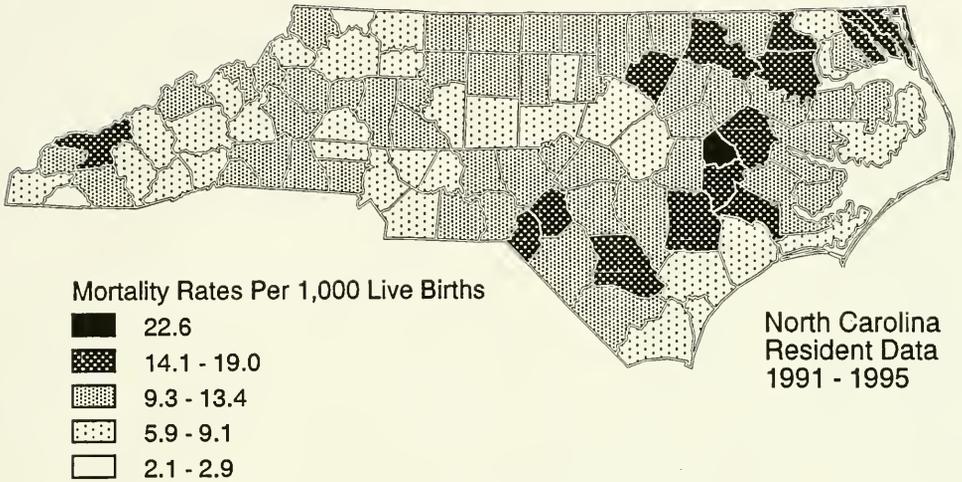


Figure 25

TECHNICAL NOTES

Computation of Death Rates

In this report, general mortality rates are expressed as resident deaths per 1,000 population, while all cause-specific death rates are expressed as resident deaths per 100,000 population. All rates in Tables 1-24 use total population in the denominator, except rates for the sex-specific cancer sites, which use male or female population in the denominator. Population bases for these rates were provided by the Office of State Planning in the Governor's Office. The infant mortality rates of Table 25 and Figure 25 are computed as the number of resident deaths under one year of age per 1,000 resident live births.

Deaths in this report are assigned to place of residence. For deaths of people in long-term institutions (mental, penal, old age, orphan, nursing home, rest home, etc.), the institution is considered the usual residence provided the decedent had resided in the institution at least one year. College students and military personnel are considered residents of the college or military community.

The following definitions apply to the rates of this report:

Unadjusted Annual Death Rate: The annual death rates are computed as resident deaths per 1,000 or 100,000 population. These rates reflect an area's status according to the observed deaths during the given year.

Unadjusted 5-Year Death Rate: The average annual death rates are computed as average resident deaths per 1,000 or 100,000 average population. These rates give an area's status with respect to the observed deaths during the 5-year period and are depicted in the state, region, and county maps (e.g. Figures 5.A, 6.A).

Adjusted 5-Year Death Rate: The average annual age-race-sex-adjusted rates are computed by the direct method. Also expressed as deaths per 1,000 or 100,000 population, these rates are those that would be expected if the average annual age, race, and sex composition of each county's population were the same as that estimated for the state in 1980. These rates are free of differing effects of age, race, and sex, offering knowledge of an area's status with respect to other factors of mortality during the 5-year period. However, the user should not compare an adjusted death rate to an unadjusted death rate. Also, adjusted rates for different time periods cannot be directly compared unless they were adjusted by the same standard population. The adjusted rates since the 1986-90 time period use the 1980 North Carolina population as the standard. This permits rates to be compared over time beginning with the 1986-90 5-year rate. Adjusted rates are depicted in the state, region, and county maps (e.g., Figures 5.B, 6.B). [Note: For the two sex-specific cancer sites (female breast and prostate), rates are adjusted for age and race, and denominators are sex-specific.]

For the maps, a clustering routine* from the Statistical Analysis System (SAS) was used to group counties that are "most like each other" with respect to their unadjusted and their adjusted rate. These maps show five levels of death rates, where level one is the lowest rate interval and level five the highest.

A word of caution: Rates for sex-specific cancers (e.g., prostate) use male or female population in the denominator and therefore are not comparable to other rates. Thus, in ranking the causes of death—for example, in ranking the leading cancer sites—one must use the observed numbers of deaths rather than the rates.

*In 1983 the State Center for Health Statistics conducted an evaluation of several clustering methods. It was found that the "Average Linkage Method" produced tighter clusters (i.e., clusters with smaller within-cluster variances) than the other methods examined. Consequently, this method is used to cluster county rates in this publication.

Interpretation of Death Rates

To assess an area's relative mortality conditions during a 5-year period, both the unadjusted and the adjusted rate can be compared to the corresponding state rates for a particular cause of death. This, of course, should not be done if the area's unadjusted rate had fluctuated widely in recent years. The rate should represent a relatively stable situation. Then, the following alternative interpretations will apply:

Relative Status Of Unadjusted Rate	Adjusted Rate	Interpretation of Unadjusted Rate
Low	Low	Low mortality is not due to age, race, and sex factors; other mortality conditions are favorable.
Low	High	Low mortality is due to favorable age, race, and sex factors; other mortality conditions are unfavorable.
High	Low	High mortality is due to unfavorable age, race, and sex factors; other mortality conditions are favorable.
High	High	High mortality is not due to age, race, and sex factors; other mortality conditions are unfavorable.

In using adjusted rates, it is important that the user understand the reason for adjustment. Example: A and B stand for population subgroups, e.g., whites and blacks, males and females, etc.

	COUNTY			STATE		
	Population	Deaths	Death Rate*	Population	Deaths	Death Rate*
Population A	300,000	1,000	333.3	500,000	2,500	500.0
Population B	10,000	10	100.0	800,000	1,000	125.0
Total	310,000	1,010	325.8	1,300,000	3,500	269.2

*Deaths per 100,000 population.

Compared to the state, county subgroups A and B both have lower rates, but the county as a whole (A and B combined) has a higher rate. This seemingly paradoxical situation results from two factors: different proportions of A and B in the county vs. the state population and wide differences between the rates for A vs. B. In this example, it is true that the county has the higher total rate—BUT ONLY BECAUSE THE POPULATION CONTAINS A HIGH PROPORTION OF SUBGROUP A.

Certainly, it is important for program planners to know that the county has a high rate relative to the state rate; this information is needed in determining manpower, facility, and related needs. But in assessing "risk," the researcher needs to adjust for confounding factors such as age or race. To do this, multiply each population-specific county rate by the corresponding "standard" population, sum these results, and divide by the total "standard." In the above example, using the state population as the standard, the computation is:

$$\frac{(1000/300,000 \times 500,000) + (10/10,000 \times 800,000)}{1,300,000} = 0.001897 \text{ or } 189.7 \text{ per } 100,000 \text{ population}$$

Thus, as rates specific for A and B imply, the county's rate is lower than the state's rate after adjustment for the factor represented by A and B.

Caution: In assessing the relative mortality conditions of a county, be particularly aware of rates based on small numbers of deaths since, in such cases, random fluctuation in the rate may render rate comparisons risky. The reader should read very carefully the next section entitled "Caution About Use of Rates."

Caution About Use of Rates

Small Number of Events:

Any death rate with a small number of events (deaths) in the numerator will have substantial random variation over time, or a large standard error. A good rule of thumb is that any rate based on fewer than 20 events in the numerator may be subject to serious random error. As such, extreme caution and reservation should be taken when comparing or assessing trends with rates calculated with fewer than 20 events. Many of the death rates in this volume have numerators smaller than 20.

Adjusted Death Rates:

Crude death rates are affected by the demographic composition of populations. As such, differences in demographic composition from one geographic area to another or from one point in time to another may hinder comparisons. The standardized adjustment of rates addresses this problem. The adjusted rate is a hypothetical rate computed in a way that reflects what the death rate would be in a particular geographic area, if the geographic area had the same age-race-sex composition of the standard population. The measure, while useful for comparative purposes across time and geographic area, has no observable or descriptive value in and of itself. The adjusted rate provides opportunities for comparisons across time and geographic area as long as all rates that are to be compared share the same population standard.

Small Subpopulations

In addition to the problem of a large standard error in death rates due to a small numerator, the age-race-sex-adjusted rates in this volume may be unstable because of small age-race-sex population groups. One death out of an estimated population of five, for example, would produce a death rate of 20,000 per 100,000 population. If this rate were applied to the appropriate age-race-sex group of the standard population, a very large number of expected deaths would result and the adjusted rate would be extremely high. On the other hand, zero deaths in several population groups may result in a very low age-race-sex-adjusted rate. Counties with a very small nonwhite population, predominantly in western North Carolina, are particularly subject to extreme age-race-sex-adjusted rates (high or low) due to small age-race-sex-specific population groups. Unusually high or low rates in this volume should, therefore, be interpreted with caution. For future editions, we are considering adjusting only for age in the adjusted death rates, to reduce these problems.

APPENDICES

APPENDIX A

List of Selected Causes of Death

(used for Tables 3 and 4)

CAUSE OF DEATH	ICD-9 CODES*
Diseases of Heart.....	390-398,402,404-429
Cerebrovascular Disease.....	430-438
Atherosclerosis.....	440
Cancer.....	140-208
Lip, Oral Cavity, and Pharynx.....	140-149
Stomach.....	151
Colon, Rectum, and Anus.....	153,154
Liver.....	155
Pancreas.....	157
Larynx.....	161
Trachea, Bronchus, and Lung.....	162
Malignant Melanoma.....	172
Female Breast.....	174
Cervix Uteri.....	180
Ovary and Other Uterine Adnexa.....	183
Prostate.....	185
Bladder.....	188
Brain Tumors.....	191,225,237
Non-Hodgkins Lymphoma.....	200,202
Leukemia.....	204-208
Acquired Immune Deficiency Syndrome.....	042-044
Septicemia.....	038
Diabetes Mellitus.....	250
Pneumonia and Influenza.....	480-487
Chronic Obstructive Pulmonary Disease and Allied Conditions.....	490-496
Chronic Liver Disease and Cirrhosis.....	571
Nephritis, Nephrotic Syndrome, and Nephrosis.....	580-589
Unintentional Motor Vehicle Injuries.....	810-825
All Other Unintentional Injuries and Adverse Effects.....	800-807,826-949
Suicide.....	950-959
Homicide.....	960-978

*International Classification of Diseases, Ninth Revision.

APPENDIX B

List of 43 Selected Causes of Death*

(used for Table 1)

CAUSE OF DEATH	ICD-9 CODES**
Shigellosis and amoebiasis	004-006
Certain other intestinal infections	007-009
Tuberculosis	010-018
Whooping cough	033
Streptococcal sore throat, scarlatina, and erysipelas	034-035
Meningococcal infection	036
Septicemia	038
Human immunodeficiency virus infection (AIDS)	042-044
Acute poliomyelitis	045
Measles	055
Viral hepatitis	070
Syphilis	090-097
All other infectious and parasitic diseases	001-003,005,020-032,037,039-041,046-054,055-066,071-088,098-139
Malignant neoplasms, including neoplasms of lymphatic and haematopoietic tissues	140-208
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239
Diabetes mellitus	250
Nutritional deficiencies	260-269
Anemias	280-286
Meningitis	320-322
Diseases of heart	390-398,402,404-429
Hypertension with or without renal disease	401-403
Cerebrovascular disease	430-438
Atherosclerosis	440
Other diseases of arteries, arterioles, and capillaries	441-448
Acute bronchitis and bronchiolitis	466
Pneumonia and influenza	480-487
Chronic obstructive pulmonary diseases and allied conditions	490-496
Ulcer of stomach and duodenum	531-533
Appendicitis	540-543
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560
Chronic liver disease and cirrhosis	571
Cholelithiasis and other disorders of gallbladder	574-575
Nephritis, nephrotic syndrome, and nephrosis	580-589
Infections of kidney	590
Hyperplasia of prostate	600
Complications of pregnancy, childbirth, and the puerperium	630-676
Congenital anomalies	740-759
Certain conditions originating in the perinatal period	760-779
Symptoms, signs, and ill-defined conditions	780-799
Injuries and adverse effects	E800-E949
Suicide	E950-E959
Homicide and legal intervention	E960-E978
All other external causes	E980-E999

*List developed by the National Center for Health Statistics.

**International Classification of Diseases, Ninth Revision.

APPENDIX C

List of 27 Selected Causes of Infant Death*

(used for Table 1, Ages <1)

CAUSE OF DEATH	ICD-9 CODES**
Certain intestinal infections	008-009
Whooping cough	033
Meningococcal infection	036
Septicemia	038
Viral diseases	045-079
Congenital syphilis	090
Remainder of infectious and parasitic diseases	001-007,010-032,034-035,037,039-041,080-088,091-139
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239
Diseases of thymus gland	254
Cystic fibrosis	277.0
Diseases of blood and blood-forming organs	280-289
Meningitis	320-322
Other diseases of nervous system and sense organs	323-389
Acute upper respiratory infections	460-465
Bronchitis and bronchiolitis	466,490-491
Pneumonia and influenza	480-487
Remainder of diseases of respiratory system	470-478,492-519
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560
Gastritis, duodenitis, and noninfective enteritis and colitis	535,555-558
Remainder of diseases of digestive system	520-534,536-543,562-579
Congenital anomalies	740-759
Certain conditions originating in the perinatal period	760-779
Symptoms, signs, and ill-defined conditions	780-799
Accidents and adverse effects	E800-E949
Homicide	E960-E969
All other causes	Residual

*List developed by the National Center for Health Statistics.

**International Classification of Diseases, Ninth Revision.

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